

Coastal Resource Management Project

Philippines

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LIST OF ABBREVIATIONS AND ACRONYMS

| | |
|---------|---|
| ADB | Asian Development Bank |
| BANGON | Bohol Alliance of NGOs |
| BD | Bantay Dagat |
| BEMO | Bohol Environment Management Office |
| CAFC | City Agriculture and Fisheries Council |
| CBFMA | Community-Based Forest Management Agreement |
| CBMS | Community-Based Monitoring System |
| CBRMP | Community-Based Resource Management Project (World Bank) |
| CENRO | City Environment and Natural Resources Office/Officer |
| CEP | Coastal Environment Program |
| CFARMC | City Fisheries and Aquatic Resource Management Council |
| CI | Conservation International |
| CLEAR7 | Coastal Law Enforcement Alliance in Region 7 |
| CLEC | Coastal Law Enforcement Council |
| CO | Community Organizer |
| COE | Center of Excellence |
| CRM | Coastal Resource Management |
| CRMP | Coastal Resource Management Project (USAID) |
| DA | Department of Agriculture |
| DA-BFAR | Department of Agriculture-Bureau of Fisheries and Aquatic Resources |
| DAO | Department Administrative Order |
| DENR | Department of Environment and Natural Resources |
| DILG | Department of Interior and Local Government |
| ECAN | Environmental Critical Area |
| EDF | Economic Development Foundation |
| EIS | Environmental Impact Statement |
| ELAC | Environmental Legal Assistance Center |
| FAO | Fisheries Administrative Order |
| FAQ | Frequently Asked Questions |
| FARMC | Fisheries and Aquatic Resource Management Council |

| | |
|---------|--|
| FLA | Foreshore Lease Agreement |
| FRMP | Fisheries Resource Management Project (ADB) |
| GMS | Gilutongan Marine Sanctuary |
| GOP | Government of the Philippines |
| GPS | Global Positioning System |
| HES | Human and Ecological Security |
| IATFCEP | Integrated Task Force on Coastal Environmental Protection |
| ICM | Integrated Coastal Management |
| ICRI | International Coral Reef Initiative |
| IEC | Information, Education, and Communication |
| IFARMC | Integrated Fisheries and Aquatic Resource Management Council |
| IMA | International Marinelife Alliance |
| IRA | Internal Revenue Allotment |
| ISFI | Institute of Small Farms Industries |
| ISWM | Integrated Solid Waste Management |
| LCE | Local Chief Executive |
| LEAP | Legal Environmental Assistance Program |
| LGC | Local Government Code |
| LGSP | Local Government Support Program |
| LGU | Local Government Unit |
| LMB | Land Management Bureau |
| LMP | League of Municipalities of the Philippines |
| M&E | Monitoring and Evaluation |
| MAO | Municipal Agricultural Office |
| MBA | Malalag Bay Area |
| MCD | Municipal Coastal Database |
| MCRM | Municipal Coastal Resource Management |
| MDC | Municipal Development Council |
| MOA | Memorandum of Agreement |
| MPA | Marine Protected Area |
| MPDC | Municipal Planning and Development Coordinator |
| MPDO | Municipal Planning and Development Office |

| | |
|---------|---|
| MPEC | Masbate Provincial Environment Code |
| NAFC | National Agriculture and Fisheries Council |
| NBI | National Bureau of Investigation |
| NGA | National Government Agency |
| NGO | Non-Government Organization |
| NNCDFI | Negros Community Development Foundation Inc. |
| OPA | Office of the Provincial Agriculturist |
| PAMB | Protected Area Management Board |
| PBSP | Philippine Business for Social Progress |
| PCG | Philippine Coast Guard |
| PCRA | Participatory Coastal Resource Assessment |
| PENRO | Provincial Environment and Natural Resources Office/Officer |
| PFLET | Provincial Fishery Law Enforcement Team |
| PHILMAR | Philippine Center for Marine Affairs, Inc. |
| PMS | Presidential Management Staff |
| PMU | Project Management Unit |
| PNNI | Palawan NGO Network, Inc. |
| PNP | Philippine National Police |
| PO | People's Organization |
| POEM | Provincial Office on Environment and Natural Resource Management |
| PPA | Philippine Ports Authority |
| PPDO | Provincial Planning and Development Office/Officer |
| PROCESS | Participatory Research Organizing for Communities and Education towards Struggle for Self-reliance |
| RA | Republic Act |
| RFTC | Regional Fisheries Training Center |
| SB | Sanguniang Bayan |
| SMICZMP | Southern Mindanao Integrated Coastal Zone Management Project |
| SOEC | Suba, Olango Ecotourism Cooperative |
| SP | Sangguniang Panlalawigan |
| SU | Silliman University |
| TA | Technical Assistance |

| | |
|---------|--|
| TAT | Technical Assistance Teams |
| TMF | Ting Matiao Foundation |
| TRO | Temporary Restraining Order |
| TWG | Technical Working Group |
| UNDP | United Nations Development Programme |
| UP | University of the Philippines |
| USAID | United States Agency for International Development |
| WRI | World Resource Institute |
| WWF-KKP | World Wildlife Fund-Kabang Kalikasan ng Pilipinas |

EXECUTIVE SUMMARY

Background and Project Summary

The Coastal Resource Management Project (CRMP) Philippines is a 7-year (1996-2002) technical assistance project of the Department of Environment and Natural Resources (DENR), funded by the United States Agency for International Development (USAID), and implemented in partnership with the Department of Agriculture's Bureau of Fisheries and Aquatic Resources (BFAR), local government units (LGU), non-government organizations (NGO), and other assisting organizations. CRMP was extended by USAID beyond the initial 5 years to the planned 7-year duration in consultation with DENR and following the recommendations of the mid-term evaluation conducted by USAID in December 1998.

CRMP provides technical assistance and training to national and local government, NGOs, and coastal communities in managing coastal resources. CRMP promotes multidisciplinary, multi-sectoral, multistage, and participatory processes of planning, implementation, and monitoring for sustainable coastal resource management (CRM) in six core "learning" areas composed of 29 municipalities and cities in 6 provinces (Figure ES-1). Expansion of the project's CRM initiatives is promoted to other LGUs throughout the country through collaborative efforts with national government agencies (NGA), provincial governments, other projects, and organizations, such as the League of Municipalities of the Philippines (LMP).

Tetra Tech EM Inc. is CRMP's prime contractor and is supported by a technical team that includes U.S.- and Philippine-based subcontractors, and Philippine NGO and academic partners. Project implementation is also supported through cooperative partnerships with the U.S. Peace Corps, and related USAID-funded projects and grantees, including the International Marinelife Alliance (IMA), Silliman University, and the U.S. Coast Guard.

As CRMP moves towards the end of the project, it is apparent, as detailed in this annual report, that CRMP has progressed substantially to facilitate collaborative coastal resource management. Through multiple partnerships, CRMP is building momentum across a broad spectrum of society using proven methods. As shown below, CRMP has accomplished at the end of 2001, all of the targets set for the end of 2002.

Progress Toward Strategic Objective

USAID has identified six strategic objectives that contribute to the overall mission goal of the U.S. - Philippine partnership for democracy and development. CRMP contributes to coastal aspects of Strategic Objective No. 4: "Enhanced management of renewable natural resources." Based on USAID's Results Framework (Figure ES-2) revised December 1998, CRMP has two indicators addressing Strategic Objective 4 (SO4), SO4 1, and SO4 2. The indicators and performance monitoring system developed to measure progress and success of CRMP's interventions for SO4 indicators and three intermediate results (IR), IR 1.1, IR 1.2, and IR 1.3 are discussed below.

The SO4 1 target is *"3,000 kilometers of shoreline where improved management of coastal resources is being implemented by the end of the year 2002."* Improved management of coastal resources is measured primarily under IR 1.1 by three indicators.

IR1.1 Improved Local Implementation of CRM

- (1) Annual LGU budget allocated for CRM *(Percentage increase compared to baseline)*
- (2) Resource management organizations formed and active *(Number of organizations formed and active)*
- (3) Number of LGUs where best CRM practices are being implemented

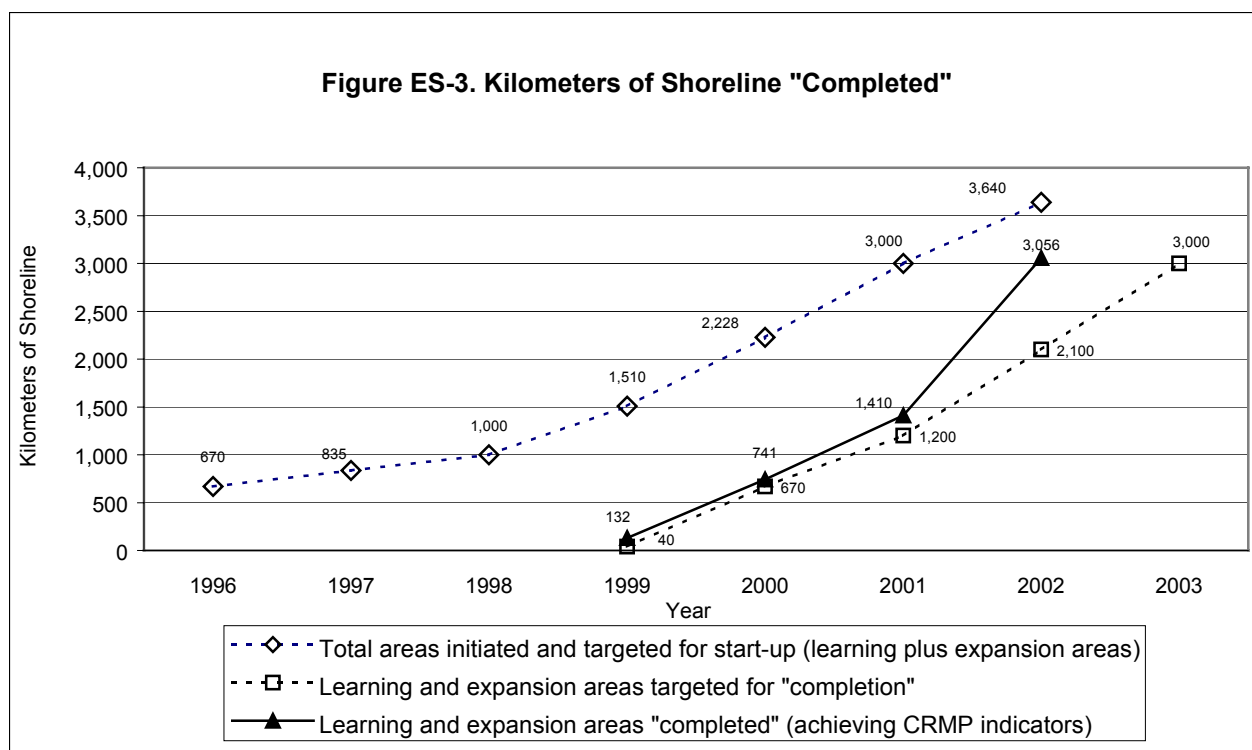
CRMP is working in learning areas and expansion areas to achieve the SO4 1 target. CRMP's operational targets for this strategic objective are:

- *Municipal management systems implementing improved management of coastal resources along 670 km of shoreline in 29 learning area municipalities by the end of year 2000*
- *Municipal management systems initiating (replicating) improved coastal resource management utilizing CRMP products and services along 2,330 km of shoreline in expansion areas by the end of the year 2002*

CRMP has developed a performance monitoring system called the Municipal Coastal Database (MCD) to track the progress and accomplishments of each LGU receiving technical assistance and training. The MCD was designed to serve the dual purpose of performance monitoring for both the project and LGU. An LGU must complete the specific set of requirements as prescribed in the IR1 indicators, to be counted under the SO4 indicator. Each LGU must: (1) be annually allocating budget for CRM, (2) have an active Municipal Fisheries and Aquatic Resource Management Council (MFARMC) that meets 6 or more times per year, and (3) be implementing one or more best CRM practices. A menu of best CRM practices is provided under IR 1.1 in Figure ES-2. The MCD and a systematic Monitoring and Evaluation system is also being used as a self-assessment tool by LGUs to assess the current status of CRM and plan and prioritize future activities.

SO4 1 *Kilometers of shoreline where improved management of coastal resources is being implemented*

A total of 96 learning and expansion area LGUs covering 3,056 kilometers of shoreline have met all indicators for improved management of coastal resources for the year ending 2001, exceeding the target of 2,100 kilometers of shoreline for year 2001 and exceeding the target of 3,000 kilometers of shoreline for year 2002. Project progress in meeting the targets for kilometers of shoreline under improved management is summarized in Figure ES-3 and detailed in Appendix A using the MCD.



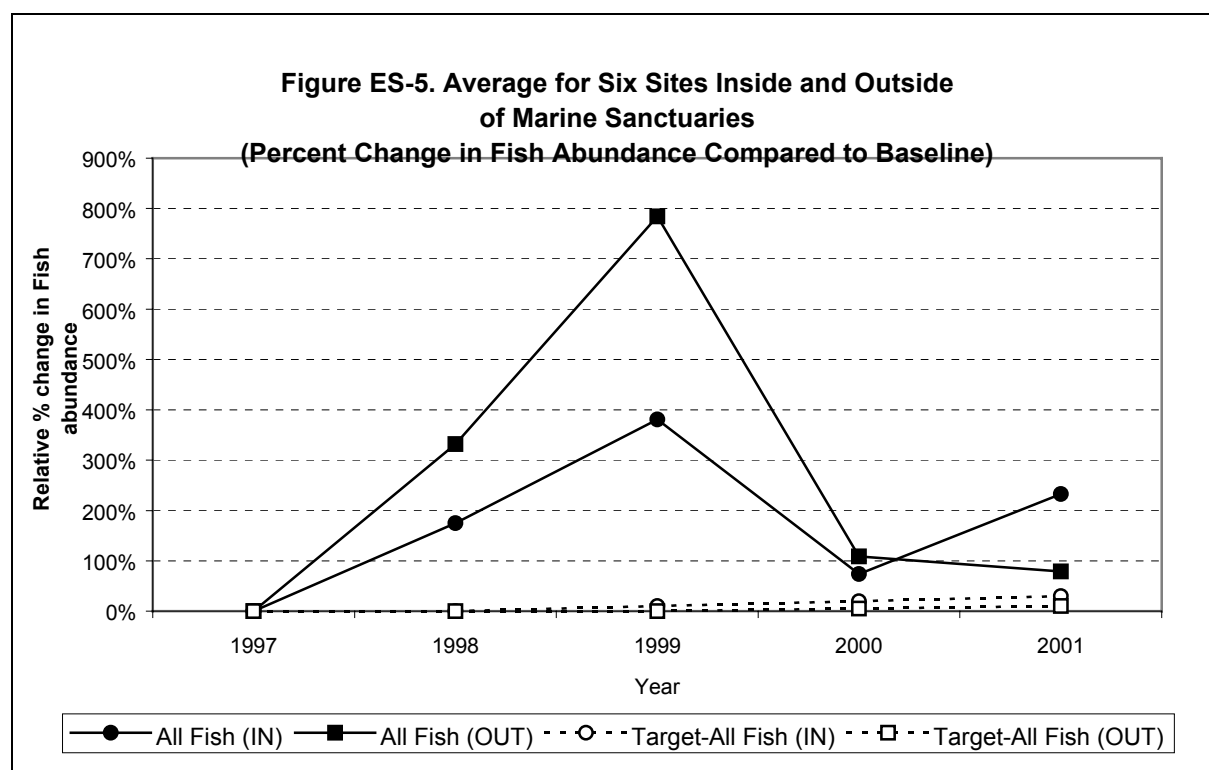
Those areas with all indicators completed are presented in Figure ES-4. CRMP has initiated technical assistance to 113 LGUs covering 3,640 km of shoreline including both core and expansion areas. CRMP is collaborating with a number of key partners to replicate the approach for improved management of coastal resources by municipalities. CRMP and the Fisheries Resource Management Project (FRMP) signed a Memorandum of Understanding (MOU) in 1999 linking the two largest coastal projects in the Philippines. FRMP, a project of the Bureau of Fisheries and Aquatic Resources (BFAR) funded by the Asian Development Bank (ADB), is adopting CRMP-developed products including: (1) training modules on Integrated Coastal Management (ICM), Participatory Coastal Resource Assessment (PCRA), Mangrove Management, and the Philippine Coastal Management Guidebook Series comprising 8 volumes; (2) information, education, and communication (IEC) materials such as posters and pamphlets; and (3) the Municipal Coastal Database (MCD) for use in 18 bays covering about 100 municipalities in the Philippines.

A similar collaborative arrangement was made with the USAID-funded Governance and Local Democracy (GOLD) project that ended in December 2000. Cooperation with GOLD has been effective in the Provinces of Negros Oriental, Bohol, Aklan, and Antique. Another cooperative agreement was made with the Southern Mindanao Integrated Coastal Zone Management Project (SMICZMP) supported by the Japanese Government. CRMP and SMICZMP have cooperated in Davao del Sur and Sarangani Provinces by making use of the CRMP-developed training modules, IEC materials, and the MCD. The use of the MCD enables collaborating projects to contribute to and report accomplishments under a common set of indicators.

SO4 2 *Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries*

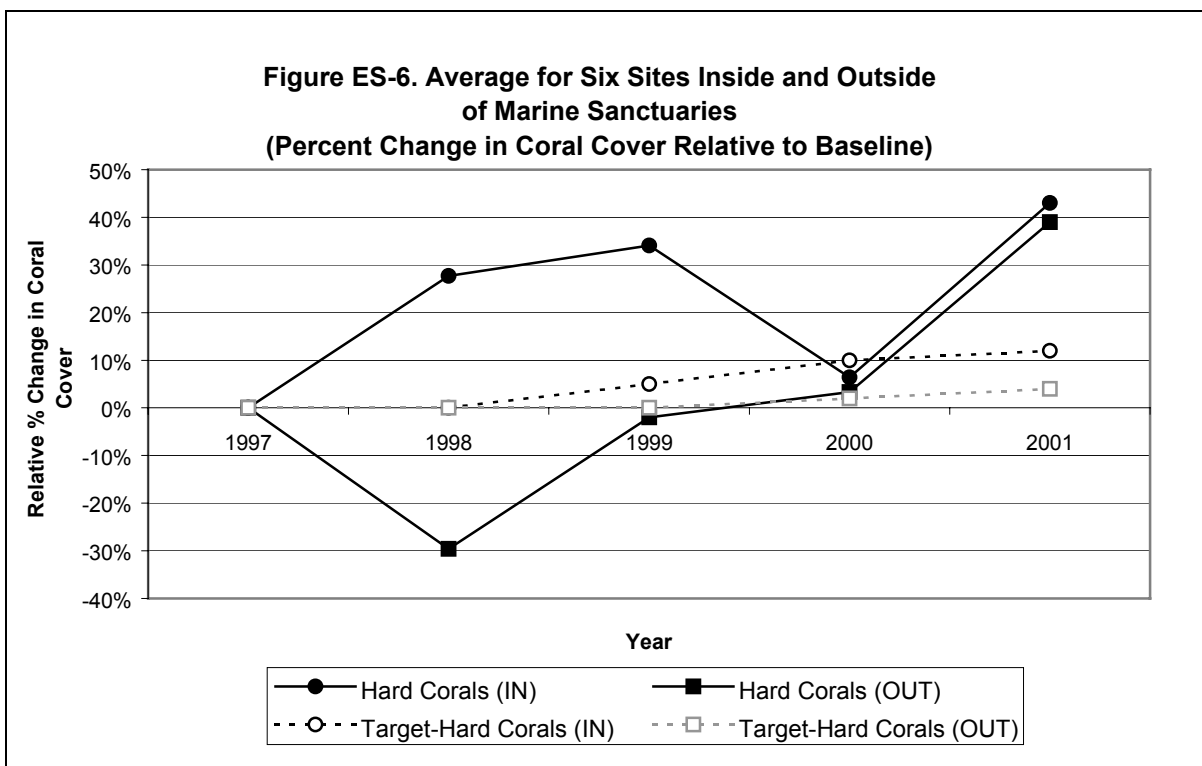
Biophysical impacts of improved local implementation of CRM are measured using standardized monitoring methods developed in partnership with the University of the Philippines-Marine Science Institute (UP-MSI). Annual assessments of fish abundance (focusing on key fish families that are commonly targeted for harvest) and live coral cover are conducted in six marine sanctuaries, one in each learning area.

The results of surveys conducted in 2001 (detailed in Appendix A) show fish species abundance increased some 233 percent above the baseline inside marine sanctuaries (versus a 2001 target of 20 percent) and 79 percent above the baseline adjacent to marine sanctuaries (versus a target of 10 percent). These high percentage changes reflect the success of the sanctuaries in relation to the relatively low baseline figures for fish populations due to the degraded and poorly managed condition of these sanctuaries during the baseline year (1997), as shown in Figure ES-5.



Live hard coral cover increased 43 percent above the baseline inside marine sanctuaries (versus a 2001 target of 12 percent) and increased 39 percent above the baseline adjacent to marine sanctuaries (versus a target of 4 percent; Figure ES-6). Record high tropical sea surface temperatures during the 1997-1998 El Niño event resulted in coral bleaching throughout coral reefs in the Philippines as well as the Indo-Pacific Region. In 1999 and 2000 unusually heavy rains persisted in many areas of the Philippines and localized outbreaks of the coral eating, Crown-of-thorns seastar, *Acanthaster*, were noted. Year 2001 has been a relatively normal and healthy year for coral reefs without any outstanding

natural perturbations. Changes in living coral cover in sanctuaries monitored by CRMP, although influenced by these large-scale climatic events as reflected in the declines of 1999 and 2000, has recovered in 2001. Overall, the strength of management activities in marine sanctuaries monitored in CRMP learning areas is increasing with active community involvement and is being reflected in the quality of the coral reef environment.

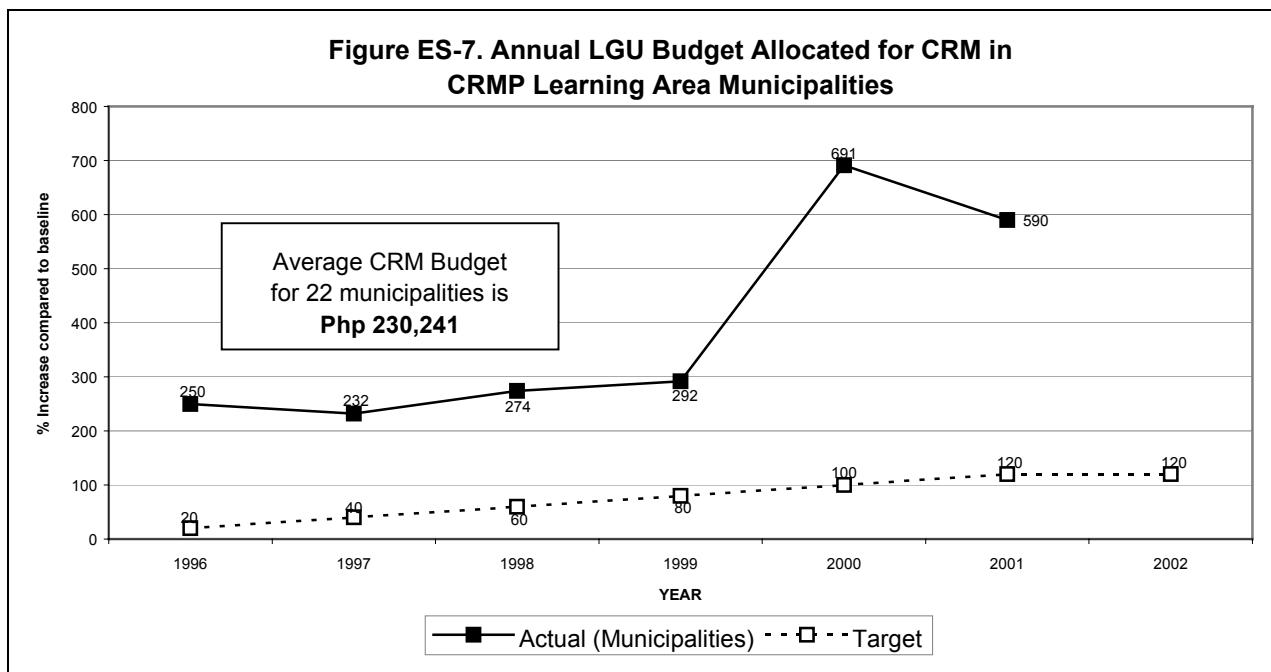


Progress in Meeting Intermediate Result (IR) Indicators

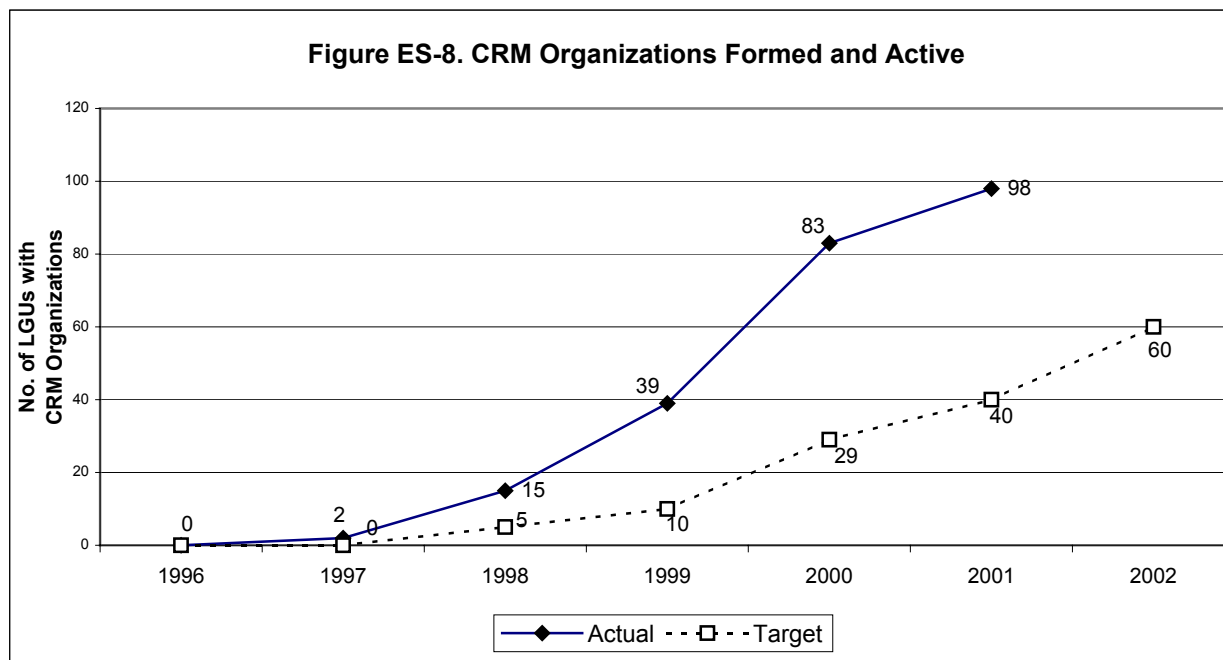
In support of the project's Strategic Objective, significant progress was realized during 2001 in meeting each of the project's IR indicators, as documented in Appendix A and summarized in the following sections.

IR 1.1 Improved Local Implementation of CRM

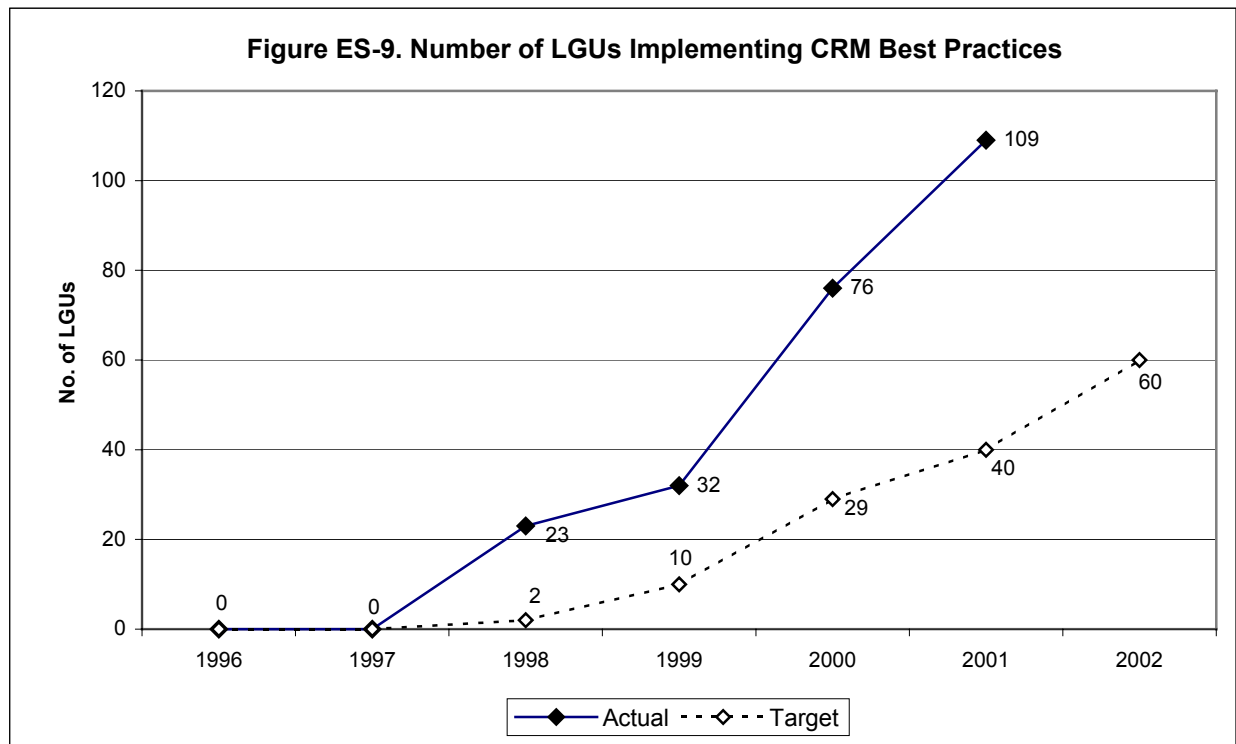
Annual LGU budget allocated for CRM: The number of LGUs allocating an annual budget for CRM and the amount of these allocations continued to increase during 2001 (Figure ES-7). For example, in 1995, 10 out of 29 LGUs in the CRMP learning areas reported that they allocated an annual CRM budget. At present, all 29 learning area and 71 expansion-area LGUs report allocating such a budget. From reported baseline budgets, average annual CRM budgets have increased some 590 percent for municipalities (to an average CRM budget of P230,241).



Resource management organizations formed and active: The project assisted in organizing or strengthening Municipal Fisheries and Aquatic Resource Management Councils (MFARMC) in all 29 learning area municipalities as well as in 69 expansion area LGUs. To be considered “active,” each MFARMC must formally meet at least 6 times a year (Figure ES-8). CRMP has also assisted in organizing and strengthening barangay-level FARMCs (BFARMC) and Bantay Dagat, or local coastal law enforcement groups.



Best CRM practices are being implemented: A total of 109 LGUs were implementing two or more CRM best practices by the end of 2001 (Figure ES-9).



Examples of best practices being implemented in 2001 include:

- CRM plans were adopted by most LGUs that had not already done so. This included adoptions of bay-wide or multi-municipal/city plans for Olango Island, Cebu Province; Sarangani Bay; Bais Bay, Negros Oriental; and Calape Bay, Bohol, building upon completed training courses and technical workshops, participatory coastal resource assessments (PCRA), and coastal environment profiles.
- Eighty-three marine sanctuaries were established covering over 1,600 ha (not including the 6,500 ha Port Barton Marine Park that is not all sanctuary and includes open-water areas) of coral reef and sea grass habitat, within the CRMP learning areas since 1996 (Figure ES-10). In comparison, the pre-project baseline was 15 marine sanctuaries, involving 127 ha, having been established in these same LGUs prior to 1996. The project assisted to strengthen the management of these protected areas, involving the development of supporting ordinances and management plans.

Figure ES-10a. Number of Marine Sanctuaries in CRMP assisted LGUs

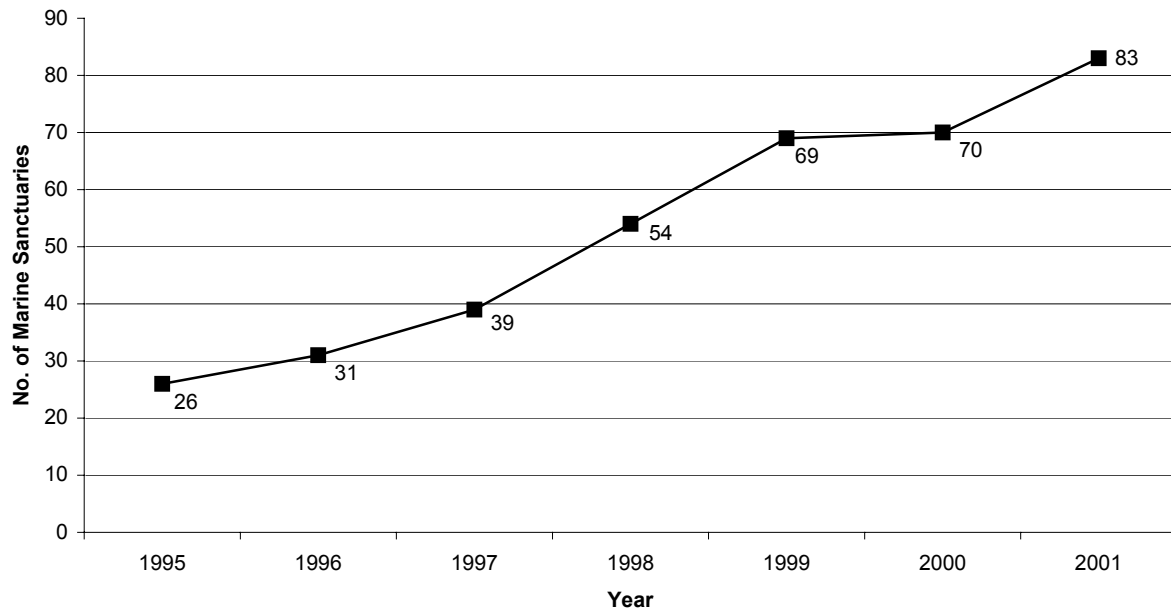
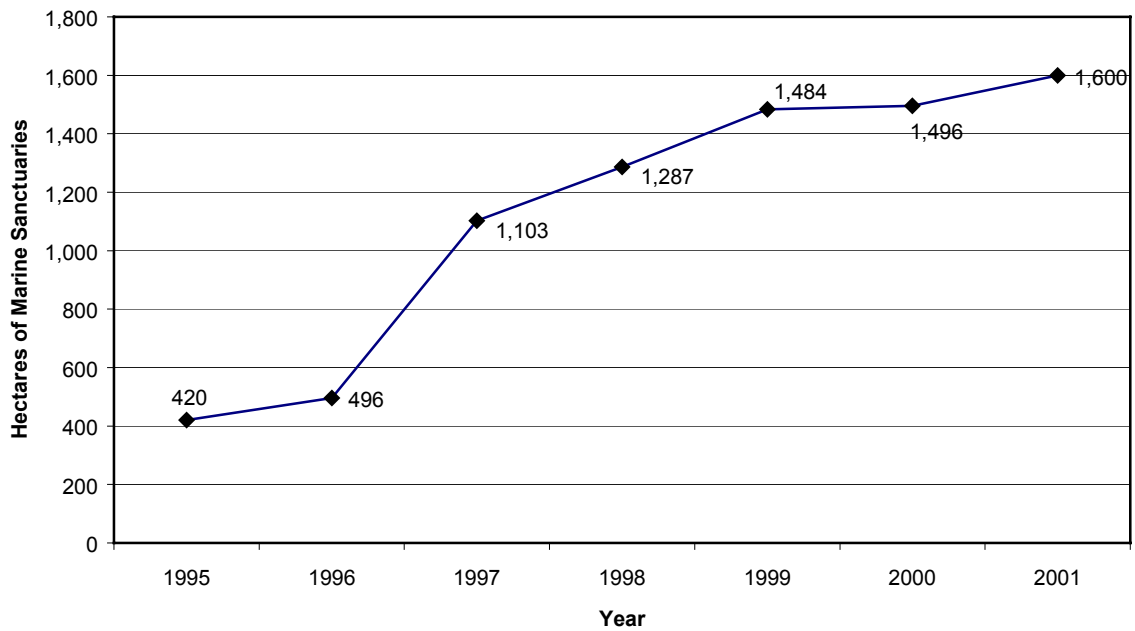
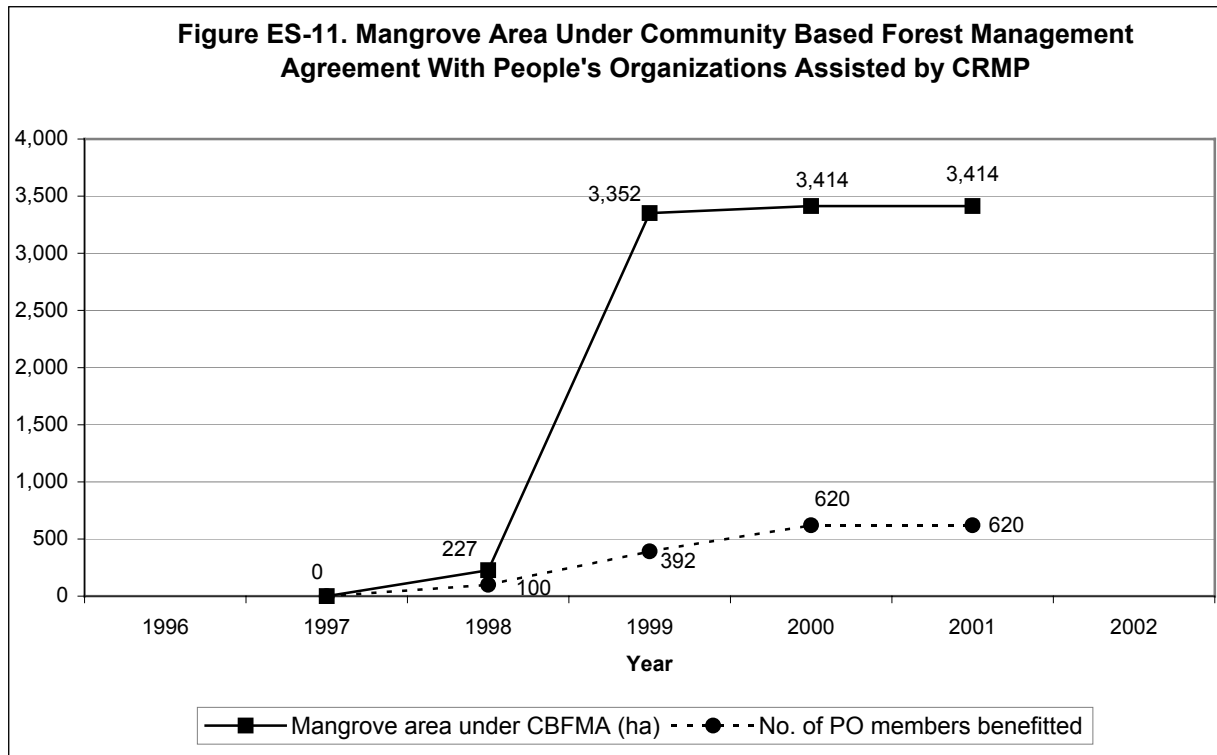


Figure ES-10b. Area in Hectares of Marine Sanctuaries in CRMP assisted LGUs



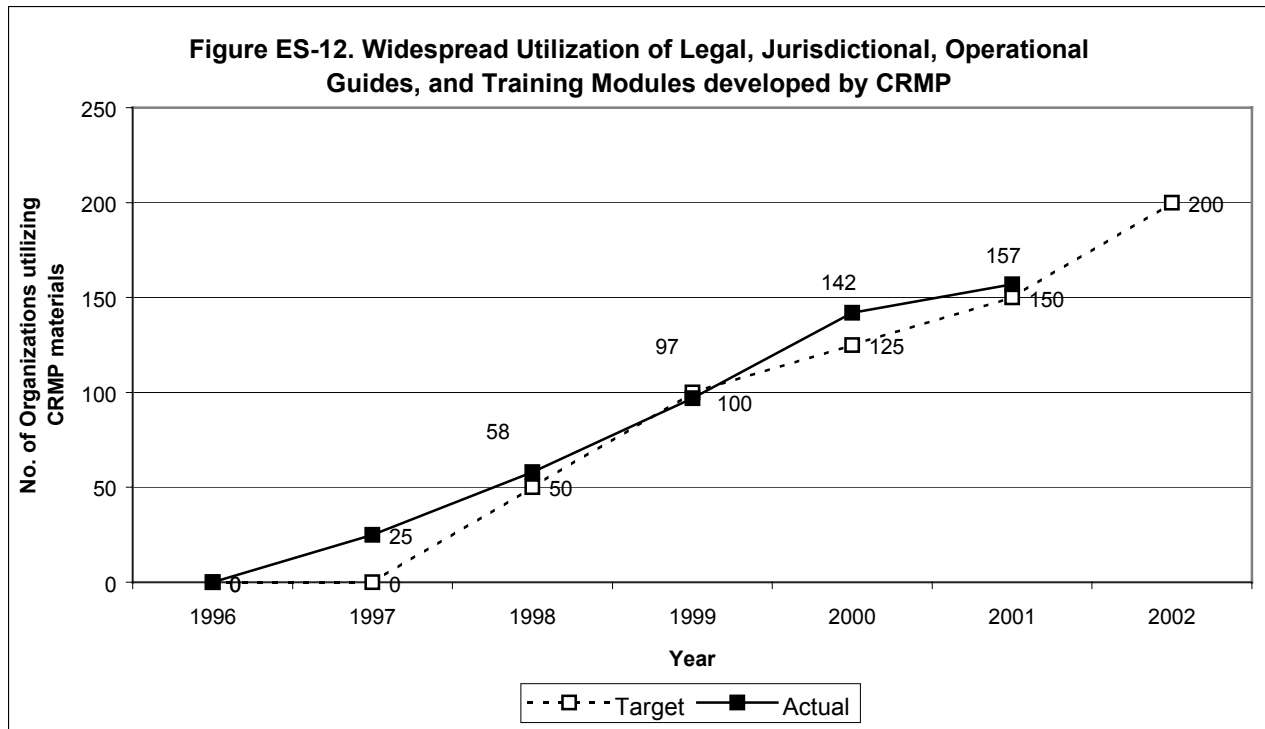
- Several environment-friendly and community-based coastal enterprises were established in 23 LGUs, involving selected activities such as eco-tourism and diving tourism, seaweed farming, oyster culture, and other forms of mariculture, supported by ICM planning, management guidelines and market linkages, including the following examples:
 - Completed the turnover to the community and local government of the “Olango Island Wildlife and Seascape Tour,” an ecotourism enterprise owned and operated by 55 households residing adjacent to the Olango Island Wildlife Sanctuary (OIWS), the Philippine’s only designated RAMSAR site.
 - Mentored the Gilutungan Island Marine Sanctuary (Olango Island) management that attracts increasing numbers of divers and swimmers that pay a P50 entrance fee. The sanctuary is managed by the Cordova Municipality and the fees collected are distributed to the barangay community and used for sanctuary management. In 2001, about P900,000 were collected from visitors to the sanctuary.
 - Completed technical support for the Cambuhat (Bohol) oyster culture enterprise. The oyster culture enterprise continued to be a valuable tool in catalyzing community and LGU initiatives to better manage and protect water and environmental quality of the Cambuhat River that has developed into an attractive ecotour.
- CRMP’s mangrove management component which was completed in March 2001, assisted to process and award Community-based Forest Management Agreements (CBFMA) to 9 people’s organizations (PO) benefiting 620 member households and covering over 3,414 ha of mangrove area in Bohol (Figure ES-11). A guide for monitoring and evaluating CBFMAs was developed and tested and is now being used by DENR as their primary means of evaluating CBFMA performance.



IR 1.2 Increased Awareness of CRM Problems and Solutions

Widespread utilization of legal, jurisdictional, operational guides and training modules: As detailed in Appendix A, CRMP guides and training modules are actively being utilized by 157 organizations, including 11 national government agencies, 104 LGUs, 7 donor agencies and donor-assisted projects, 22 NGOs, and 11 academic institutions (Figure ES-12). Representative activities supporting the utilization of CRMP products include:

- Formal launching of the Philippine Coastal Management Guidebook Series at the League of Municipalities Philippines convention in Manila in November together with DENR, the DA, and DILG, who are the lead agencies and authors of the Guidebook Series.
- Formal channels for national institutionalization of CRMP training materials were continued with other donor-assisted projects, agencies, and organizations including the ADB-assisted FRMP, which involves 18 bays and some 100 coastal LGUs, and SMICZMP, which operates in 20 LGUs.
- The project's reef survey and marine sanctuary monitoring methods were published in cooperation with UP-MSI and other organizations, and were adopted for use nationwide by the DENR and BFAR as the national standard for all reef surveys and data management.



Public awareness of CRM issues: Extensive surveys for this indicator were conducted in 1999 and 2000 and reported in 2000. Key activities completed during 2001 to support public awareness of CRM issues include:

- Comprehensive, local community to national IEC program, including the celebration of May as the national Month of the Ocean, in collaboration with national and local partners
- Formation and deployment of a national coalition building effort to promote awareness about the issue of municipal boundary delineation to curb illegal commercial fishing within municipal waters all over the country
- Development and production of numerous requested IEC materials including production and distribution of over 12,255 requested IEC publications and materials during the year
- Through efforts of the IEC and Cebu Learning Area team, 18 municipalities in Cebu Province actively pursuing CRM planning and interventions mostly supported by their own budgets and personnel

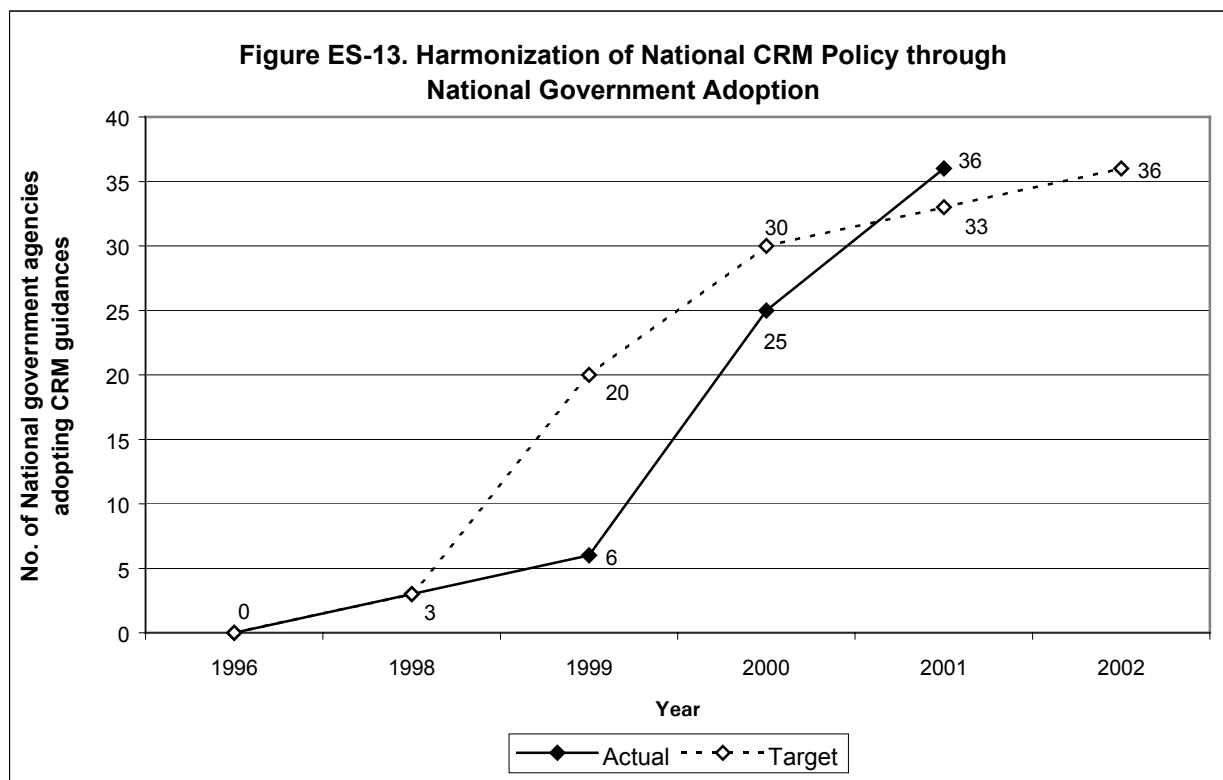
IR 1.3 Improved Policy and Legal Framework

Harmonization of national policy for CRM: As detailed in Appendix A, the project continued to contribute towards this indicator through the number of adoptions of CRM guidance materials and training modules by key government agencies. During 2001, the cumulative number of adoptions of CRM policies, guidances, and training modules was 36

exceeding the target of 33 (Figure ES-13). The Philippine Coastal Management Guidebook Series (8 volumes) was adopted by DENR, DA-BFAR, and DILG in 2000 and formally launched in November 2001. In 2001, the draft National Coastal Management Policy was formally turned over and accepted by DENR for national level consultations in 2002.

Other key accomplishments during the year 2001 that contribute to this intermediate result include:

- The policy study in 1999 to develop standard procedures for delineating municipal water boundaries in partnership with National Mapping (NAMRIA) and FRMP was adopted by NAMRIA in a DENR Department Administrative Order No. 17 in June 2001. This DAO will hopefully to standardize and expedite the completion of municipal water delineation in 832 coastal municipalities in the country.
- Working with Coastal Environment Program (CEP) of DENR to address the institutional and human resource development needs of CEP resulted in DENR moving towards formal approval of the “Coastal and Marine Management Office” within DENR that would institutionalize the functions of CEP and CRMP in DENR in a major program that builds on CRMP approaches and results framework.



Sustainability

Sustainability of the project's interventions is being achieved by a variety of factors including enabling coastal communities with CRM expertise and responsibility, utilizing an information base for sound CRM planning, building constituency groups to support CRM initiatives, and developing a technical support system through provinces that builds on trained leaders in CRM. CRMP has made substantial progress in these areas in 2001 as described below by selected examples.

Enabling coastal communities with CRM expertise and responsibilities: A key element in sustaining CRM initiatives beyond the life of the project is the degree to which coastal communities have been enabled to address CRM issues on their own.

The monitoring and evaluation of CRM activities in the LGUs associated with CRMP assistance in 2001 has shown that 96 municipalities and cities are now conducting CRM programs under their own support and are recognized to have accomplished the basic CRM benchmarks required for consideration of CRM Level I Certification.

All of these 96 LGUs have at least undertaken the initial steps to institutionalize a CRM program in their area, which means that they are allocating some budget, have a functional FARMC, have a draft or adopted CRM plan, and have initiated one or more CRM best practices. An essential element in the CRM process is that all LGUs have undertaken some baseline assessment through the PCRA process that involves local communities and develops a practical database upon which barangay and municipal wide planning can be based and guided.

Developing a CRM monitoring and information management system: The continuity of CRM initiatives is being enhanced through the development of an appropriate and user-friendly information management system. CRMP has developed the first nationwide information management system to monitor and evaluate CRM at the local government level. The development of the Municipal Coastal Database (MCD) began in 1998. Since then, the MCD has been field- and beta-tested, contains records of over 500 coastal LGUs and is now functional in all CRMP learning area municipalities and provinces. The MCD is the basis of the monitoring and evaluation system implemented in 2001 for all CRMP learning areas and selected expansion area LGUs.

In 2001 CRMP worked extensively with interested provinces in preparing provincial reports on the state of the coastal environment and CRM trends based on the MCD. Provincial involvement and investment in maintaining and expanding the MCD reporting system is proving to be a major force that supports sustainability of CRM activities within their area of jurisdiction.

Building constituency groups to support CRM initiatives: Different types of constituency groups from public and private sectors are required to support and sustain CRM initiatives beyond the life the project. CRMP is continuing to build these CRM support groups at national and local levels.

CRMP's partnership with the League of Municipalities of the Philippines (LMP) continues to

generate nationwide support for CRM initiatives. The 1st Conference of Coastal Municipalities, conducted in partnership with the LMP and national government agencies, provided a high impact venue to build support for CRM initiatives among all coastal municipalities. The launching of the “Philippine Coastal Management Guidebook Series” through the LMP convention in November 2001 proved to be another milestone in building national support for improved coastal management through local government participation.

The Coastal Law Enforcement Alliance for Region 7 (CLEAR7) continued to function and expand in 2001. Members include DILG, DENR, DA-BFAR, PNP, PCG, LMP-Bohol, ELAC, Regional Prosecutors Office, and the NBI, plus selected LGUs in the area. Activities in 2001 focused on priority illegal activities such as blast fishing, intrusion of commercial boats in municipal waters (in Bohol), among others.

Developing a technical support system through provinces that builds on trained CRM

leaders: In 2000 CRMP shifted its emphasis toward assisting coastal provinces develop provincial CRM plans and programs aimed toward assisting coastal municipalities and cities deliver CRM as a basic service. CRMP has strengthened provincial delivery of CRM as a basic service in eight provinces: Bohol, Cebu, Negros Oriental, Palawan, Davao del Sur, Sarangani, Romblon, and Masbate or 13 percent of coastal provinces nationwide. Examples of how this technical support is building CRM sustainability include:

- Bohol Province has continued to actively build its Bohol Environmental Management Office (BEMO) to maintain and use the MCD in planning, to provide support to selected LGUs in CRM planning and best practice implementation, and to address issues such as widespread illegal sand mining from beaches and islands and illegal fishing in municipal waters.
- Davao del Sur adopted the first ever province-wide CRM plan and actively supported the initial stages of implementation through technical support to constituent LGUs.
- Sarangani Province actively facilitated and supported the adoption of the Sarangani Bay-wide plan through the Protected Area Management Board (PAMB) of DENR and other bay partners.
- Palawan Province moved ahead with full endorsement of the CRM monitoring and evaluation system through its Provincial CRM team that is actively assisting with CRM planning in municipalities that are willing and able to provide required counterpart funding for PCRA planning and implementation of CRM best practices.

Overall, 2001 marked a year of refining approaches, methodologies, and tools developed by the project for widespread use throughout the Philippines and through local and national government and other national initiatives and programs. In addition, the need for an improved national policy framework in support of coastal management has moved closer to reality through the initial adoption of the “National Coastal Management Policy.” Finally, the critical issue of overfishing that is being exacerbated by the illegal entrance of commercial boats in municipal waters is being addressed head-on by the initial implementation of DAO 17 that enables national and local governments to formally delineate their municipal water boundaries.

1.0 INTRODUCTION AND OBJECTIVES

1.1 INTRODUCTION

Tetra Tech EM Inc. received United States Agency for International Development (USAID) Contract No. 492-C-00-96-00028-00 (formerly 492-0444-C-00-6028-00), Coastal Resource Management Project (CRMP) on March 21, 1996, to provide technical assistance to the Government of the Philippines (GOP) through the Department of Environment and Natural Resources (DENR) in coastal resource management (CRM). This 2001 Annual Report summarizes the major project activities accomplished from January 1, 2001 to December 31, 2001. All progress is reported based on targets identified in the 2001 Annual Work Plan.

This report is organized into six sections including this introduction. Section 2.0 provides an overview of project rationale and approach. Section 3.0 is a summary of progress of CRMP national and local implementation activities. Section 4.0 provides a summary of project management activities. Section 5.0 summarizes overall project performance and impact. Section 6.0 discusses sustainability of the project's initiatives. The report's appendices provide Performance Monitoring System (Appendix A); History of Coordination and Collaboration (Appendix B); List of CRMP publications (Appendix C); and Summary of Expenditures through December 31, 2001 (Appendix D, for USAID only).

1.2 OBJECTIVES

USAID has identified six strategic objectives that will contribute to the overall mission goal of a new U.S. – Philippine partnership for democracy and development. Strategic Objective No. 4 (SO4): "Enhanced management of renewable natural resources" includes the following overall result for CRMP:

"Coastal resources along 1,200 km of shoreline under improved management by year 2000 (5 years) or 3,000 km by 2002 (7 years)."

As illustrated in Figure 1-1, the two overall indicators for this objective are:

1. Kilometers of shoreline where improved management of coastal resources is being implemented
2. Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries

Corresponding to these indicators are two operational objectives:

- Municipal management systems implementing improved management of coastal resources along 670 km of shoreline in 29 municipalities by the end of the year 2000
- Municipal management systems initiating improved coastal resource management utilizing CRMP products and services along 2,330 km of shoreline by the end of year 2002

Three intermediate results support the results framework shown in Figure 1-1:

- Improved local implementation of CRM
- Increased awareness of CRM problems and solutions
- Improved policy and legal framework

2.0 PROJECT RATIONALE AND APPROACH

2.1 PROJECT RATIONALE

CRMP was developed to address a variety of basic issues that result in the overuse and degradation of Philippine coastal resources. These issues include:

- Local governments are not yet effective at managing their jurisdictional areas for coastal resources under the Local Government Code (LGC).
- CRM policies and the roles of various national and local agencies involved are not clear among all participants in CRM planning and implementation.
- Human resources needed for CRM planning and implementation are not sufficiently developed.
- Slow economic development in coastal areas increases pressure on fishery resources.
- Market failures in the coastal resource economy perpetuate poverty and promote inappropriate use of coastal habitats such as conversion of mangrove forest.
- De facto open access system causes over-exploitation of most resources.
- Low productivity resulting from habitat destruction, pollution, and over-exploitation decreases economic benefits of coastal resources.
- Loss of marine and coastal biodiversity, which is irreversible, continues.

2.2 PROJECT APPROACH

CRMP's approach is to work at the national level to improve formulation and implementation of a national CRM policy through several project activities. These activities aim to clarify jurisdictions, formulate practical CRM policies and guidelines, and highlight the significance of the "open access" problem.

Local implementation approaches including participatory assessment, planning, and implementation of CRM plans are facilitated through the six CRMP core or "learning" areas (Figure 2-1). Local government units (LGU) are being assisted to become fully supportive of CRM efforts in their areas of jurisdiction through training and technical support. To balance the need for economic development alongside of CRM, a limited number of micro and small-scale enterprise opportunities are being promoted in the six learning areas.

For LGU project partners, the key results targeted by CRMP's approach include:

1. Annual budget for CRM allocated by LGUs
2. Resource management organizations formed and active
3. Best CRM practices (interventions) are being implemented by LGUs such as:
 - a. CRM plans adopted
 - b. Fisheries and coastal management ordinances implemented
 - c. Coastal law enforcement units operational
 - d. Marine sanctuaries functional
 - e. Mangroves under Community-Based Forest Management Agreements
 - f. Environment-friendly enterprises established
 - g. Municipal water boundaries enforced
 - h. Other habitat protective measures and open access restrictions in place

2.3 PROJECT EXPANSION

CRMP is strategically expanding the sphere of CRM and sustainable coastal development through a series of activities and support initiatives that focus on:

- Working with provincial governments or cluster municipalities to implement CRM programs and activities
- Coordination with other donor-assisted projects
- Improved communication and coordination with and among government and assisting organizations
- Encouraging successes to be replicated in new areas utilizing CRMP products and services

The expansion activities occur not only in adjacent or distant coastal areas but through sharing of training opportunities with other donors and assisting organizations; combining research outputs; and building linkages for information, education, and communication (IEC) activities in the country. The Policy, IEC, and Training components of the project are the primary means for expansion beyond the six learning areas and to the country as a whole.

3.0 TECHNICAL ASSISTANCE

3.1 NATIONAL IMPLEMENTATION

All project activities that will have potential impact on a national scale are included under the national implementation level. The main thrust of these activities is to promote improved national policies and laws on CRM and increased awareness of CRM problems and solutions.

3.1.1 Policy Component

The Policy Component focuses on promoting national policies that will improve coastal management nationwide. The primary indicator for policy is: adoption of sound CRM policies measured by the number of adoptions of CRM guidance documents and integrated coastal management policies and procedures by key national government agencies.

The indicator for the Policy Component falls under Intermediate Result 1.3 “Improved Policy and Legal Framework” as measured by:

Indicator 1. Adoption of sound CRM policies (No. of adoptions of CRM guidances (such as legal and jurisdictional; integrated coastal management policies and procedures) by key national government agencies.

Table 3-1 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C** = completed activities; **O** = ongoing activities) of the Policy Component by quarter.

TABLE 3-1
POLICY COMPONENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|----------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Guidelines emanating from DA-DENR JMO finalized and adopted | | | | | | |
| • Convene joint quick meeting between DA and DENR on sand mining, Joint Response Teams, and delineation of municipal waters | C | | | | | |

TABLE 3-1 (Continued)
POLICY COMPONENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| • Finalize DAO on delineation of municipal waters for signing of DA Secretary | O | C | | | | |
| • Convene joint meeting on mangroves and fishpond reversion | O | O | O | O | | |
| 2. National coastal management policy framework promoted and adopted | | | | | | |
| • Proposed policy framework drafted | O | O | C | | | |
| • Conduct nationwide consultation in collaboration with DENR/UNDP and PHILMAR | O | O | O | O | | |
| • Revision to proposed policy framework incorporated | O | O | C | | | |
| • Finalize and transmit NCRMP | O | O | C | | | |
| 3. National coastal management guidebook series completed | | | | | | |
| • Guidebooks edited, printed, and distributed to national agencies and academe | O | O | O | C | | |
| • Guidebook distribution and orientation sessions to LGUs in Luzon, Visayas, and Mindanao | | | O | O | | |
| 4. CRM certification system for local governments operational | | | | | | |
| • Certification system tested in Region 7 | O | O | O | O | | |
| • Certification system replicated in Regions 4 and 11 | | O | O | O | | |
| • Certification system documented and promoted for national implementation through national agencies and donor programs in ICM | | O | O | O | | |
| 5. CRM and the League of Municipalities and provinces | | | | | | |
| • Orientation sessions for new Local Chief Executives (LCE) after elections | | | O | C | | |
| • Distribution of guidebooks | | | O | O | | |
| • Orientation session on CRM and certification system for League of Provinces | | | O | C | | |
| • Prepare for and convene the 2 nd Coastal Municipalities Conference | | O | O | C | | |
| 6. Donor collaboration | | | | | | |
| • Continue collaboration with ADB/FRMP and DENR/UNDP projects for policy development | O | O | O | O | | |
| • Policy framework and CRMP processes shared with other donors | O | O | O | C | | |
| • Assist LEAP in packaging of proposal for LGU funding from DA/NAFC | O | C | | | | |

TABLE 3-1 (Continued)
POLICY COMPONENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 7. CRMP partners conference to share lessons, compare results and to validate policy framework (co-financed with various partners, that are DENR, LGUs, FRMP, NGOs) | | | O | O | | |

Note: Activities with no shading are new activities added after WP submission.

3.1.1.1 Work Plan Accomplishments

Major accomplishments of the Policy Component during the 4th Quarter 2001 include:

- Facilitated activities to fully disseminate and implement DAO 17, s2001, "Guidelines for Delineating/Delimiting Municipal Waters"
- Coordinated with LMP, DENR, DILG, and the NGOs for Fisheries Reform on the 11th LMP National Convention
- Assisted LMP in the formation of a Subcommittee on CRM
- Finalized the National Coastal Resource Management Policy
- Coordinated meetings on the proposed institutionalization and strengthening of CEP through the establishment of a Coastal and Marine Management Office
- Prepared policy study on impacts of foreshore land use on coastal resource management
- Began guidebook distribution to coastal municipalities
- Convened the 2nd DA-DENR Joint Meeting in the implementation of RA 8550
- Presented suggested amendments of Foreshore Lease Contract to Land Management Bureau (LMB)

3.1.1.2 Activities Not Accomplished and Why

The guidebook distributions will carry-over to 2002 because of the difficulty of delivery to selected offices and individuals around the country.

3.1.1.3 Issues and Lessons Learned

The many activities focused on the implementation of DAO 17 should have included briefings for members of Congress as a way of introducing the policy to them. Some members of Congress were made to believe by the commercial fishers that DAO 17 is detrimental to fishers. This could have been avoided members of Congress had been properly briefed.

3.1.2 Information, Education, and Communication (IEC) Component

This component supports all aspects of CRMP through various IEC activities. Its primary objective is to increase knowledge about CRM problems and solutions in the Philippines at all levels but with a focus on the CRMP learning and expansion areas. Another objective of the IEC Component is to form a number of multi-sectoral collaborative agreements with donor agencies, private sector, media, and civic groups to promote education and awareness about CRM. The indicators for IEC fall under Intermediate Result 1.2, "Increased Awareness of CRM Problems and Solutions" as measured by:

Indicator 1. Widespread availability and utilization of CRM guidance and training materials (number of government and assisting organizations [academic and NGOs] utilizing CRM legal, jurisdictional, operational guides, and training modules developed by CRMP)

Indicator 2. Public awareness of CRM issues as measured by the percent of survey respondents demonstrating knowledge of CRM problems and solutions

Table 3-2 provides a summary of the IEC Component's 2001 Work Plan Activity Schedule (shaded areas) and progress to date (C=completed activities; O=ongoing activities) by quarter.

TABLE 3-2
IEC COMPONENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Environmental profiles completed and printed (3 books) | | | | | | |
| • Negros, Olango, and Sarangani printed | O | O | C | | | |
| • Distribution accomplished | O | O | C | | | |
| 2. National Coastal Management Guidebook printed and distributed (8 books) | | O | C | | | |
| 3. Handbooks and other publications completed | | | | | | |
| • Reef habitat monitoring handbook printed | O | C | | | | |
| • Coastal tourism management handbook edited and printed | | O | O | O | | |
| • Tambuli No. 7 printed (last print issue, moving to web-based) | | | O | C | | |

TABLE 3-2 (Continued)
IEC COMPONENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 4. IEC materials developed for League of Municipalities, expansion activities, CLEAR7, donor collaboration, and municipal coastal database | O | O | O | C | | |
| 5. Maintain website (oneocean.org), market, and transfer to another organization | | O | O | C | | |
| 6. Coral reef IEC materials developed and distributed for the International Coral Reef Initiative (ICRI) in collaboration with World Resources Institute (WRI) | O | C | | | | |
| • Poster on coral reef and television blurbs | O | O | O | O | | |
| • Booklet on reefs at risk in the Philippines | O | O | O | O | | |
| 7. National Coastal Management Conference | | | | | | |
| • Multisectoral conference sharing municipal CRM accomplishments | | | O | C | | |
| • Brief proceedings produced and distributed | | | O | C | | |
| • Orientation for provincial governors and selected mayors | | | O | C | | |
| 8. Develop communication strategies aimed at addressing critical threats to sustainable use of coastal resources | | | | | | |
| • Rally private sector/NGO support for improved fisheries management and enforcement of municipal water boundaries | | O | O | C | | |
| • Develop a detailed work plan in consultation with USAID to build on the experience and work of CRMP and other projects | O | O | O | C | | |
| • Compile information/existing data on commercial fishing licensing fees/resource rent research, others | O | O | O | O | | |
| • Highlight losses to national and local government | O | O | O | O | | |
| • Provide information to potential lobbyist on fisheries policy and management | O | O | O | | | |
| • Explore TV documentary on overfishing | | O | O | O | | |
| 9. Process documentation in selected areas | | | | | | |
| • Special IEC training on demands from Provincial learning areas | | O | O | C | | |
| • Continue documentation/publication of CRM success stories | O | O | O | O | | |
| • Directory of CRM resource persons | | | | O | | |

3.1.2.1 Work Plan Accomplishments

Major accomplishments of the IEC Component during the 4th Quarter 2001 include:

- Provision of support to the Cebu and Masbate expansion areas
- Design, lay-out, and production of the following publications:
 - Philippine Coastal Management Guidebook Series and partial dissemination to coastal municipalities
 - Tambuli issue No. 7
 - Coastal Tourism Handbook
 - CRM plan for the municipalities of Bohol and Negros
 - Various visual aids, support materials for training and planning workshops
 - PCRA maps of Cebu Expansion areas
- Maintenance and update of CRMP website, *oneocean.org* whose visitor traffic user session continue to increase with visitor traffic reaching more than 13,000 user sessions per day:
 - Completed regular monthly updates for October and November 2001
 - Made available for downloading the following papers and publications:
 - Guidelines for Monitoring and Evaluation of Municipal CRM Plans and Programs for Certification
 - Philippine Coastal Management Guidebook Series
 - Tambuli no. 7
 - Initial Appraisal Report on the Coastal Environment of Calintaan, Mindoro Occidental (contributed by AYAD volunteer)
 - Prepared and posted press release on October and November 2001
 - Responded to inquiries and requests for materials from *oneocean.org* visitors
 - Submitted to *oneocean.org*'s URL to search engines
- Continued linkage with the press in the promotion of CRMP activities and CRM best practices
- Conducted IEC planning workshops in Davao del Sur and for the IEC and selected technical staff of SMICZMP

- Conducted and transcribed interviews for CRMP process documentation
- Prepared PowerPoint presentation on the Philippine Coastal Management Guidebook Series

TABLE 3-3
IEC MATERIALS REQUESTED AND DISTRIBUTED
FROM OCTOBER THROUGH DECEMBER 2001

| Description/Title | Year 2001 to date | Project to date |
|--|------------------------------|----------------------------|
| A Call for Leadership Poster | 36 | 822 |
| About CRMP (Cebuano) | 310 | 22,932 |
| Ang Dagat ay Buhay Audio Tape | 7 | 197 |
| Ang Dagat ay Buhay (CD) | 1 | 1 |
| Best Coastal Management Program Brochure | 0 | 1,166 |
| Call to Action Flyer | 93 | 33,368 |
| CEP of Malalag Bay | 181 | 212 |
| CEP of Negros Oriental | 287 | 287 |
| CEP of Northwestern Bohol | 209 | 886 |
| CEP of Olango Island | 427 | 427 |
| CEP of Sarangani Bay Area | 430 | 430 |
| Coastal Alert Brochure | 637 | 32,119 |
| Coastal Alert Poster (Cebuano) | 10 | 487 |
| Coastal Alert Poster (English) | 2 | 756 |
| Coastal Alert Magazine-One Ocean | 150 | 1,438 |
| Coastal Alert Magazine-LMP | 2 | 2 |
| Collected Essays on Economics of Coral Reefs | 2 | 2 |
| Coloring Book-Coastal Alert | 48 | 420 |
| Coral Reef Monitoring for Management | 2,592 | 2,592 |
| CRM Video (CRMP-Agrisyete, 1 & 2) VHS | 1 | 460 |
| CRMP Folder | 249 | 1,859 |
| Food Security | 168 | 3,350 |
| Future's Sake Poster | 0 | 50 |
| Human Impacts Poster | 215 | 6,741 |
| "I Love the Ocean" Sticker | 2,804 | 30,052 |
| It's Their Ocean Too Poster | 0 | 234 |
| LMP Kit | 0 | 791 |
| Lost Reef Brochure (English) | 55 | 39,267 |
| Lost Reefs Brochure (Cebuano) | 380 | 23,513 |
| Lost Reefs Brochure (Tagalog) | 118 | 19,185 |
| Manage our Coastal Resource Brochure | 4 | 4 |
| Mangrove Brochure (Imagine... foldout) | 2 | 247 |
| Mangrove Management Handbook | 153 | 685 |
| Mangroves in Trouble Brochure (Cebuano) | 310 | 24,854 |
| Mangroves in Trouble Brochure (English) | 569 | 44,331 |
| Mangroves in Trouble Brochure (Tagalog) | 35 | 18,240 |
| Marine Sanctuaries Video Vol. 1 | 6 | 526 |

TABLE 3-3 (Continued)
IEC MATERIALS REQUESTED AND DISTRIBUTED
FROM OCTOBER THROUGH DECEMBER 2001

| Description/Title | Year 2001 to date | Project to date |
|--|----------------------|--------------------|
| Marine Sanctuaries Video Vol. 2 | 1 | 1 |
| Mid-Term Report | 29 | 1,798 |
| No Time to Lose Poster (Cebuano) | 138 | 294 |
| No Time to Lose Poster (English) | 105 | 1,353 |
| One Ocean Postcard | 296 | 12,186 |
| Our Seas, Our Life Brochure | 0 | 25,234 |
| Our Seas, Our Life Guidebook | 748 | 12,278 |
| Para sa Maayong Kaugmaon Poster | 1 | 523 |
| PCRA Handbook | 59 | 3,837 |
| Presidential Speech Brochure | 150 | 4,060 |
| Rhythm of the Sea Book | 245 | 1,297 |
| Sine'skwela Episode 1-4 | 4 | 68 |
| Sine'skwela Episode 5-6 | 2 | 2 |
| Tambuli 1-Nov 96 Newsletter | 183 | 1,049 |
| Tambuli 2-May 97 Newsletter | 186 | 1,199 |
| Tambuli 3-Nov 97 Newsletter | 259 | 2,443 |
| Tambuli 4-August 1998 Newsletter | 308 | 3,859 |
| Tambuli 5-May 99 Newsletter | 101 | 1,556 |
| Tambuli 5-May 99 Newsletter w/ cover | 126 | 1,241 |
| Tambuli 6-May 2000 Newsletter | 399 | 723 |
| Tambuli 6-May 2000 Newsletter w/ cover | 1 | 1,501 |
| Tambuli 7-September 2001 Newsletter | 562 | 562 |
| Tambuli 7-September 2001 Newsletter w/ cover | 1500 | 1500 |
| The Life Cycle of a Coral Colony Flyer | 125 | 14,537 |
| Tools & Methods in Community-based CRM | 40 | 671 |
| Usa ka Panawagan sa pag Pangulo Poster | 0 | 437 |
| Values of Philippine Coastal Resources Book | 304 | 3,821 |
| Total | 16,365 | 410,871 |

3.1.2.2 Activities Not Accomplished and Why

Additional technical inputs and reviews of the coastal tourism handbook have delayed its final production and printing. It is anticipated that printing will be completed in the 1st Quarter of 2002.

Materials for the publication of a handout on coral reefs were also delayed, but are targeted for completion and distribution by May 2002 in time for the observance of the Month of the Ocean.

3.1.2.3 Issues and Lessons Learned

The involvement of the IEC Component in field activities particularly in the Cebu Expansion Areas provided ground-level exposure to CRM issues and problems. Among the IEC lessons learned from such exposure are the following:

- Locally generated information regarding the state of coastal resources in a municipality contributes immensely to demystifying the traditional framework regarding fisheries development and coastal resource management. Macro information must be supplemented by micro information as well. Through the presentation of locally-based research and relevant information, LGUs and community resource users are able to appreciate the implications of the issues and problems regarding coastal resources and the need for a more unified rather than fragmented approach to the problem.
- While undoubtedly much technical information is available on CRM, more efforts need to be undertaken at popularizing this information at the community level.
- IEC efforts must also focus on “selling the law” and must add the elements of environmental ethics in their messages. There is a need to strongly advocate for a protective, holistic, and precautionary mindset and perspective in addition to technical information and training on CRM.
- Providing some biological information and explanation of natural and ecological laws contribute greatly to the understanding of why coastal resource management is needed. When resource users understand the workings of certain natural laws as these relate to the environment, there is a better appreciation of the harmful effects of some human activities.

3.2 LOCAL IMPLEMENTATION IN PROVINCIAL LEARNING AREAS AND EXPANSION AREAS

3.2.1 Overview of Local Accomplishments

CRMP’s six provincial learning areas include 29 municipalities and cover 670 km of shoreline. Expansion areas include municipalities within learning area provinces as well as municipalities in other provinces. The indicators for Local Implementation fall under Intermediate Result 1.1. “Improved Local Implementation of CRM” as measured by:

Indicator 1. Annual LGU budget allocated for CRM

Indicator 2. Resource management organizations (FARMCs, Bantay Dagat or their equivalent) formed and active

Indicator 3. Number of LGUs where best CRM practices are being implemented (such as CRM plans adopted, fishery and coastal management ordinances implemented, enforcement units operational, marine sanctuaries functional,

mangroves under CBFMAs, environmentally friendly enterprises established, municipal water boundaries enforced or other appropriate interventions in place)

3.2.2 Bohol

The Bohol Learning Area is composed of the following municipalities: Buenavista, Calape, Clarin, Inabanga, and Tubigon (73 coastal barangays; 57 km of shoreline). Expansion areas now cover 11 municipalities (131 coastal barangays; 172 km of shoreline).

Table 3-4 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C**=completed activities; **O**=ongoing activities) in the Bohol Provincial Learning Area by quarter.

TABLE 3-4
BOHOL
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Learning and expansion area evaluation | O | O | O | C | | |
| 2. Validation and refine work plan with partners | C | | | | | |
| 3. Information management system with certification established at provincial level with MCD functional | O | O | O | C | | |
| 4. CRM training pool trainers training and institutionalized CRM center through BEMO | O | O | O | O | | |
| 5. Coastal district law enforcement councils strengthened, linked, and trained | O | O | O | O | | |
| 6. Bohol IEC materials and Bohol coastal report/profile prepared | | | O | C | | |
| 7. Provincial CRM framework operationalized | | | O | O | | |
| 8. MPA trainors training including monitoring and evaluation | | O | C | | | |
| 9. Ten ICM plans adopted (BEMO-led) | O | O | O | C | | |
| 10. Five expansion towns CRM planning completed (BEMO) | O | O | C | | | |
| 11. Other BEMO activities conducted as required and project proposal packaged | O | O | O | O | | |
| 12. Mangrove activities phased out | C | | | | | |
| 13. TWG on fishpond reversion formed | C | | | | | |
| 14. Eight CBFMAs monitored and strengthened | O | O | O | C | | |
| 15. Enterprise activities phased out | O | C | | | | |

3.2.2.1 Work Plan Accomplishments

Major accomplishments of the Bohol Learning Area during the 4th Quarter 2001 include:

- Finalized, published, and turned over CRM plans for expansion towns (9 towns, plus original 5 learning area municipalities)
- Conducted MPA technical assistance activities for seven expansion towns (Jagna, Tagbilaran City, Maribojoc, Albur, Loay, Guindulman, Anda); IEC for MPA planning workshop, ordinances prepared, guardhouses built, and community management committees formed (All towns have just to prepare for launching activities and install buoys for the MPAs.)
- Official signing of MOA for CRM certification at the provincial level
- Continued Coastal Law Enforcement Council (CLEC) capability building and strengthened IEC campaign (A total of 90 illegal fishing vessels were impounded and cases filed against commercial fishing operators that include high-profile officials, a parish priest, newspaper editor, provincial officials, and others. Also, a 1-day coastal law enforcement workshop was held with over 120 people attending including mayors, vice-mayors, and others.)
- Packaged and turned over all CRMP-related documents, such as maps, CD ROM of CRM plans, PCRA data, minutes of meetings, photos, and IEC materials to all learning and expansion municipalities
- Jointly facilitated DENR-PROCESS-BEMO M&E workshop for all coastal CBFMA holders in the province
- Helped BEMO prepare implementation plan for 2002 and provided hands-on training and assistance for expansion activities of new BEMO expansion areas (Pitogo, Jagna, Tagbilaran City, Panglao, Dauis, and Baclayon)
- Continued technical assistance to Bohol Alliance of NGO's (BANGON) and Bohol Marine Triangle pilot municipalities of Baclayon, Dauis, and Panglao
- Packaged and finalized Bohol-wide Coastal Environmental Profile

3.2.2.2 Activities Not Accomplished and Why

CRM plans are finished for all learning and expansion municipalities. Monitoring the extent of implementation of these plans must be accomplished through the CRM certification system.

Although MPAs have already been established, there is still a need to provide assistance in drafting 5-year MPA management plans. Draft plans will be completed by early next year after all MPAs are launched.

3.2.2.3 Issues and Lessons Learned

Coastal law enforcement has improved substantially, however, has many hurdles, which need to be crossed before becoming sustainable. It must be an issue-based approach, resolving step by step each new problem and issue. The province has taken a major step in strengthening its coastal law enforcement program.

For the provincial CRM program to be institutionalized, the CRM section of BEMO has to be strengthened and provided with adequate logistic and personnel support.

Some partners are still going their own way with implementing certain interventions, without properly coordinating with the province. This has created some duplication and confusion so there might be a need to strengthen coordination efforts and promote sincere intentions to work together in a more coordinated manner.

It would greatly help efforts if there is a position in the CENRO / PENRO for one person to fully focus on CRM activities.

3.2.3 Davao del Sur Province

The Malalag Bay (Davao del Sur) Learning Area is composed of the following municipalities: Hagonoy, Malalag, Padada, Santa Maria, and Sulop (21 coastal barangays; 75 km of shoreline). The current expansion area covers 6 municipalities (69 coastal barangays; 243 km of shoreline).

Table 3-5 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C**=completed activities; **O**=ongoing activities) in the Provincial Learning Area.

TABLE 3-5
DAVAO DEL SUR PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Learning area municipalities evaluated against CRM benchmarks | O | O | O | C | | |
| 2. Provincial ICM plan adopted and packaged | C | | | | | |
| 3. Management plan drafted for the Provincial Fishery Law Enforcement Team (PFLET) | | O | C | | | |
| 4. Davao del Sur Provincial CRM group capacitated on the delivery of CRM interventions | O | O | C | | | |
| 5. MCD system functional at both provincial and municipal levels | O | O | O | O | | |
| 6. GIS installation process initiated (in partnership with IMA) | | O | O | O | | |

TABLE 3-5 (Continued)
DAVAO DEL SUR PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 7. Coordination with SMICZMP/DENR and LGSP for MBA-related activities strengthened | O | O | O | O | | |
| 8. Davao Integrated Development Plan opportunities pursued | O | O | C | | | |
| 9. Internal and external resources generated (through proposal preparation for funds, networking) | O | O | O | C | | |
| 10. Expansion municipalities supported with strategic TA and training towards accomplishment of indicators | O | O | O | C | | |
| 11. Enterprise development package report of ISFI submitted | C | | | | | |
| 12. Provincial report generated based on monitoring and evaluation for each municipality | | | | C | | |
| Davao del Norte and Davao Oriental | | | | | | |
| 1. Provincial CRM core group organized | | O | O | O | | |
| 2. Provincial framework and operational plan drafted | | O | C | | | |
| 3. Expansion municipalities supported with strategic TA and training towards accomplishment of indicators | O | O | O | O | | |
| Cross-cutting Interventions | | | | | | |
| 1. Coordination with FRMP/BFAR for expansion areas in Davao Sur, Davao Norte, Davao Oriental (PCRA, CRM planning, mangrove management, MPA management, MCD, etc.) | O | O | O | O | | |
| 2. Coordination meeting between BFAR and DENR regularized | O | O | O | O | | |

3.2.3.1 Work Plan Accomplishments

Major accomplishments of the Davao Learning Area during the 4th Quarter 2001 include:

CRM Certification System

- MOA creating the Regional CRM Certification Committee signed last Nov. 29, 2001
- Provided technical inputs on the CRM Certification System during the second organizational meeting of heads of offices constituting the Provincial CRM Certification Committee/Technical Working Group

Technical Assistance

- Sponsored and facilitated 3-day mangrove management training for the Municipality of Padada, Davao del Sur

- Assisted the Province of Davao del Sur in its celebration of the Third Provincial Fishery Congress
- Facilitated and provided technical inputs in the presentation of underwater stock assessment results during a Sangguniang Bayan (SB) Committee Hearing
- Served as resource person on CRM for the Solid Waste Management Training of the Human and Ecological Security (HES) Program Office of Davao Del Sur
- Facilitated a 2-day planning session for the Samal Environment Conservationist and key stakeholders towards the implementation the Sanipaan Shoal Mangrove Rehabilitation Project in coordination with the Philippine Business for Social Progress (PBSP)
- Assisted Sta. Cruz in the conduct of Fish Sanctuary Management Training for Barangays Tuban and Tagabuli
- Provided participants of Davao Oriental MCD Training with a perspective on the CRM Certification System

Coordination/Partnerships

- Closely coordinated with the Institute of Small Farms and Industries-Economic Development Foundation (ISFI-EDF) in the implementation of the Fisheries Resource Management Project (FRMP) in Sta. Cruz
- Held regular coordination meetings with provincial and regional offices in Davao del Sur
- Coordinated with various provincial and national agencies in the conduct of underwater stock assessment/reassessment in the City of Digos and Municipality of Hagonoy
- Coordinated with the FARMCs of Hagonoy and the Provincial Veterinary Office of Davao del Sur for the conduct of the orientation and distribution of Kaber Chicken as an livelihood activity
- Coordinated with DENR XI on the conduct of the MCD Training for Davao Oriental and series of meetings to organize the Provincial Technical Assistance Teams (TAT) of the Compostela Valley Province and Davao del Norte Province
- Initiated collaborative meeting with the Save Davao Gulf Foundation and the Davao Gulf Management Council for the drafting of the Davao Gulf Integrated Management Plan

3.2.3.2 Activities Not Accomplished and Why

None.

3.2.3.3 Issues and Lessons Learned

Nurturing local CRM champions and leaders is essential to sustain CRM efforts. Motivated individuals often make the difference in continuing CRM efforts when outside support wanes.

3.2.4 Negros Oriental Province

The Negros Oriental Learning Area is composed of the following nine LGUs: Amlan, Bacong, Bais City, Dauin, Dumaguete City, Manjuyod, San Jose, Sibulan, and Tanjay (73 coastal barangays; 111 km of shoreline). The expansion areas cover 12 municipalities (88 coastal barangays; 237 km of shoreline).

Table 3-6 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C** = completed activities; **O** = ongoing activities) in the Provincial Learning Area.

TABLE 3-6
NEGROS ORIENTAL PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|----------|----------|----------|----------|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Validate and refine work plan with provincial partners | C | | | | | |
| 2. Phase-out planning with partners | C | | | | | |
| 3. Learning area municipalities evaluated against CRM benchmarks | O | C | | | | |
| 4. Formulation of Provincial ICM Framework Plan | O | O | C | | | |
| 5. Assist province to formulate environment code | O | O | O | O | | |
| 6. Assist LGUs to adopt/package CRM plans | O | O | O | O | | |
| 7. Assist LGUs to organize IFARMC for MaBata Bay | | | C | | | |
| 8. Assist LGUs/IFARMC in the formulation of Bay-wide ICM plan for Mabata, Bais and Tanjay Bay | | | O | O | | |
| 9. Cluster of expansion municipalities supported through trainings for PCRA and CRM Planning | O | O | O | C | | |
| 10.MCD adopted by province and updated as required | O | O | O | C | | |
| 11.MCD installation in expansion municipalities | O | O | C | | | |
| 12.Conduct impact study of MPAs in selected sites | C | | | | | |
| 13.Conduct MPA Management training | | O | C | | | |
| 14.Assist municipalities/cities to formulate CRM/Fisheries Ordinance | O | O | O | O | | |
| 15.Siquijor province supported through trainings for PCRA and CRM planning | O | O | O | O | | |

TABLE 3-6 (Continued)
NEGROS ORIENTAL PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 16. Monitor key enterprise projects and phase out of CRMP support | O | C | | | | |
| 17. Assist province in the conduct of an Enterprise Development forum | O | C | | | | |
| 18. Assist LGUs and other partners in project development and proposal making | | | O | C | | |
| 19. Assist DENR in mangrovetum establishment and management | C | | | | | |
| 20. Assist DENR in CBFMA processing in selected learning and expansion areas | O | C | | | | |

3.2.4.1 Work Plan Accomplishments

Major accomplishments of the Negros Oriental Learning Area during the 4th Quarter 2001 include:

- Facilitated the conduct of the 2-day M&E and MCD Training last October 9-10, 2001 at the El Oriente Beach Resort (The training was attended by 100 participants from coastal LGUs, NGAs, NGOs, and the private sector. The training was aimed at orienting the participants on the revised M&E Guidelines and CRM Certification system as well as on the MCD as an information management tool.)
- Facilitated the conduct of a series of CRM M&E Orientations for those LGUs, which either did not have any representative during the 2-day training or had very few representatives and needed some form of assistance in orienting the key LGU officials; orientations conducted separately in the municipalities of Dauin, San Jose, Basay, Vallehermoso, and Siaton
- Facilitated MCD installation in the following learning and expansion areas: San Jose, Zamboanguita, Basay, Vallehermoso, Dauin, and Bayawan City (All coastal LGUs in the province have installed the MCD 2000 Version 2 except the municipalities of Jimalalud, Tayasan, and La Libertad due to computer hardware deficiencies.)
- Facilitated the conduct of a 1-day workshop on finalizing the draft Comprehensive CRM Ordinance for the City of Bayawan on November 27, 2001 (The activity was attended by the city mayor, city vice-mayor, SP members, and key officials of the city and barangay. The workshop outputs will be consolidated by the CRM TWG and a follow-up meeting is set on December 7, 2001. The ordinance is expected to be approved on January 2002.)

- Facilitated exposure visit of the Masbate LGU and Mirant Corp. to the Negros Oriental Learning Area:
- Facilitated the following strategic interventions in Dumaguete City:
 - Enactment of an Ordinance establishing the 6-ha Banilad Marine Sanctuary
 - Approval on third and final reading of the 5-year CRM Plan of the city
 - Turnover of a newly-acquired patrol boat to the city's Bantay Dagat Federation
 - Enactment of the city's Comprehensive CRM Ordinance (Res. No. 520; Ord. No. 80, series of 2001) and allocating P300,000 for its initial implementation
 - Advocating for the strict compliance of the EIS System in the proposed port development project of PPA in the city
- Provided relevant information and guidance to the following LGUs regarding the enactment of their respective comprehensive CRM ordinance:
 - Tayasan thru SB Member Hon. Rey Mana-ay
 - Vallehermoso thru Mun. Agriculturist, MPDC and SB Secretary
 - Amlan thru SB Member Hon. Winfredo Teves
 - Sibulan thru Mayor Antonio Renacia and Vice-Mayor Abiera
 - Dauin thru Vice Mayor Araula and MPDC
- Facilitated the review and validation of the Provincial Coastal Environmental Profile of Negros Oriental
- Presented a paper on "Eco-Tourism Responding to Environmental Sustainability " during the 5th National Conference of the Council of Economics Educators at the Luce Auditorium, Silliman University on November 27, 2001 (The presentation used the Bais City Whale and Dolphin Watching as test case.)
- Provided assistance to TMF in the initial preparation for the "Coastal Management through Local Governance Project" for Siquijor supported by Packard Foundation through the Sulu Fund.
- Strategic expansion in Negros Occidental through:
 - San Carlos City-based Genesys Foundation Inc. with 3-day ICM training set on December 12-14, 2001
 - Sagay City-based North Negros Community Development Foundation Inc. (NNCDFI) with a 1-day CRM Orientation set on December 11, 2001 for the three cities of Sagay, Cadiz, and Escalante

- Updated the Municipal Coastal Database of the 21 coastal LGUs of the province of Negros Oriental
- Assisted Bayawan City in the technical delineation of the municipal water-use zones (Marker buoys were installed in each zone during the activity. Also assisted the city in the conduct of the planning workshop for the management of the three “lampirong” [Capiz] shell reserves of the city.)
- Assisted in the management planning workshops for the three lampirong reserves of Bayawan City (The workshops are aimed at drafting the framework for the management of these marine protected areas.)

3.2.4.2 Activities Not Accomplished and Why

The Provincial Environment Code of Negros Oriental, which provides the legislative framework and policy direction for environmental management in the province was not completed in 2001. However, it is worthwhile to note that the province has taken the lead in facilitating Integrated Solid Waste Management (ISWM) the drafting and finalization of the different components like forest/upland, agriculture and others.

3.2.4.3 Issues and Lessons Learned

The reduction of Internal Revenue Allotment (IRA) for LGUs will significantly reduce resource allocation for CRM by year 2002 and beyond.

CRM in Negros Oriental has made milestone successes through the years, yet certain gaps have still to be filled. These are as follows:

- Legislation of Comprehensive CRM Ordinance
- Delineation of Municipal Water Boundaries
- Management planning for MPAs
- Municipal Fishery Licensing and Permitting

3.2.5 Olango Island and Cebu Province

The Olango Island Learning Area is composed of the following LGUs: Cordova and Lapu-Lapu City (11 coastal barangays of Olango Island; 61 km of shoreline). Expansion areas cover 16 municipalities (116 coastal barangays; 247 km of shoreline).

Table 3-7 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C** = completed activities; **O** = ongoing activities) in the Provincial Learning Area.

TABLE 3-7
OLANGO ISLAND AND CEBU PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Learning area municipalities evaluated against CRM benchmark | O | O | O | O | | |
| 2. Consultation workshop to finalize the plan | C | | | | | |
| 3. Island-wide plan refined and adopted | O | O | O | C | | |
| 4. Island-wide ICM council convened and active | O | O | O | C | | |
| 5. Gilutongan Marine Sanctuary supported by wider community participation | O | O | O | C | | |
| 6. Strengthening of existing community organizations through CO specialist | O | O | O | C | | |
| 7. Ecotour become sustainable | O | C | | | | |
| 8. Olango Bird sanctuary management plan refined thru PAMB | O | O | O | C | | |
| 9. Conduct workshop on the formulation of guidelines on the 100-m EPZ approved by Lapu-lapu City | O | O | O | C | | |
| 10. Law enforcement issues pursued with CLEAR7 | O | O | O | O | | |
| 11. Conduct MCD orientation training | O | O | O | C | | |
| 12. MCD adopted by Lapu-lapu and Cebu province | O | O | O | C | | |
| 13. Strategic support for Cebu expansion | O | O | O | O | | |
| 14. CRM plans drafted and adopted for MBAD (Moalboal, Badian, Alcantara and Dumanjug) | O | C | | | | |
| 15. CRM planning in Alegria, Malabuyoc, Ginatilan and Ronda | O | O | C | | | |
| 16. PCRA for Malabuyoc, Ginatilan, Ronda, Sibonga, Dalaguete, and Argao (in coordination with CBRMP) | O | O | C | | | |
| 17. Workshop on MPA training in areas with marine sanctuary | O | O | C | | | |
| 18. Comprehensive CRM ordinances drafted and adopted | | | C | | | |
| 19. Monthly TWG meeting of inputs on management of: shoreline and foreshore, waste, fisheries and habitats, conflict negotiation, and mangroves | O | O | O | O | | |
| 20. Delineation of municipal waters | | | O | O | | |
| 21. Provincial report generated based on monitoring and evaluation for municipality | | | | O | | |

Note: Activities with no shading are new activities added after WP submission.

3.2.5.1 Work Plan Accomplishments

Major accomplishments within the Olango Island and Cebu Province expansion areas during the 4th Quarter 2001 include:

Olango Learning Area:

- Technical assistance provided to Lapu-lapu City and Cordova Municipal Councils for the adoption of the 5-year Olango and Gilutongan Group of Islands Coastal Resource Management (CRM) Plan.
- Assistance provided to the Cordova LGU for the adoption of the 3-year Gilutongan Marine Sanctuary Management Plan.
- Assistance provided Lapu-lapu City in the formation of the City Fisheries and Aquatic Resource Management Council (CFARMC) and City Agriculture and Fisheries Council (CAFC) in coordination with BFAR and the Office of the Provincial Agriculture (OPAg).
- The Olango CRM Plan was utilized by Lapu-lapu City Government as basis for allocating a P4.5 million budget for Fisheries Management Program for the 4th Quarter of 2001. The P4.5 million budget was intended to finance projects and activities identified within the plan such as mariculture technology, skills development, and strengthening coastal law enforcement.
- Gilutongan Marine Sanctuary (GMS) of Cordova generated about P900,000 from January to December 2001 from entrance fees alone. An additional P30,000 was collected from accreditation of dive boats and dive shop operators. Revenues generated from the GMS will be allocated for the salary of Project Director, maintenance of buoys, repair of guard house, regular reefcheck, law enforcement, communication, transportation expenses and the like.
- Continued assistance to Cordova LGU and SOEC in the facilitation of study tours and cross-visits of LGUs and different groups coming from expansion areas, learning areas, other parts of the country, and other countries wanting to learn from the Cordova and Olango experience.
- Continued enhancement of skills of fisherfolk leaders by tapping them as trainors and facilitators in PCRA's, Marine Sanctuary Establishment Trainings, and Orientation and Reefchecks.
- Continued giving updates and feedbacks of project gains and accomplishments to LGUs and CRM Partners.

Cebu Province

- Completion of PCRA in the municipalities of Samboan, Ronda, Barili, Santander
- Conduct of CRM Orientation for the municipalities of Sta. Fe, Madridejos, and Bantayan in Bantayan Island, northern Cebu

- Conduct of CRM Planning Workshops in Ronda, Samboan, Ginatilan, Boljoon, and Bogo
- Conduct of technical survey using GPS to validate PCRA results in all 18 municipalities of the southeast and southwest Cebu
- Conduct of year-end checkpoint meeting for both southwest and southeast clusters and action planning for 2002
- Conduct of marine sanctuary management planning for Boljoon, Ginatilan, and Malabuyoc
- Conduct of 3-day writeshop for six municipalities to finalize drafts of CRM plans
- Conduct of 2-day M&E workshop for 18 Cebu southern municipalities and 1 northern municipality
- Served as resource persons in public hearings conducted by municipalities regarding their CRM and marine sanctuary ordinances
- Worked with Sulu Fund to initiate a resource user fees program for Moalboal's marine sanctuaries in Saavedra and Pescador Island
- Conducted presentation to the members of the Cebu Provincial Board regarding promoting and implementing CRM
- Helped in the advocacy efforts of Cebu coastal mayors for Cebu Province to provide annual budget for CRM (Cebu province has now allocated P5 million pesos for 2002 to fund province-wide CRM projects.)
- Initiated efforts to organize a Cebu Province CRM Certification Technical Working Group (In addition to its role in the CRM certification program, the Provincial TWG will also serve as resource persons/organizations for CRM activities province wide.)
- Facilitated cross visits of municipal LGUs and fisherfolks from Alegria and Ginatilan to Olango island and Gilutungan Marine Sanctuary
- Conducted PCRA in the municipalities of Ronda, Samboan, Barili, and Santander completing 16 municipalities in southern Cebu expansion area, from Barili in the west to Sibonga in the east, and Bogo municipality in the north with Cebu Provincial CRM Partners
- Conducted technical surveys using Global Positioning System (GPS) to validate PCRA results and to get the actual habitat hectareage in 16 municipalities in the south with PPDO, UP-CEIS, and Sulu Fund
- Conducted MCD and M&E Orientation with participation of 18 Municipalities and 1 City

3.2.5.2 Activities Not Accomplished and Why

M&E activities for Cebu municipalities were not conducted since the MCD was just installed in each municipality. Also the Provincial TWG for M&E was just recently formed and organized.

For Cebu expansion areas, three municipalities have to catch up in meeting the key CRM benchmarks particularly their respective CRM plans, with their CRM planning workshops now scheduled for the month of January 2002.

3.2.5.3 Issues and Lessons Learned

CRM Partners showcase “the wonders of synergism,” it models the unity that we encourage among the fisherfolks and their collaboration with LGU and other agencies and institutions operating in their area.

CRM Best Practices implemented in the learning area served as models to the expansion areas and even to other counties.

PCRA is a good strategy in making fisherfolks appreciate and value their common resources, in making them realize the need for unity among themselves and the need to establish partnership between them, NGOs, and LGUs for the protection and conservation of their resources.

Learning among fisherfolks is enhanced by the use of techniques that recognize their limitations but also those that bring out the best in them.

Facilitators who led by example encouraged greater participation.

Regular updates to the LGU leaders regarding the achievements and the challenges of the CRM activities developed in them the knowledge and a sense of ownership such that the CRM Plan was adopted and implemented despite changes in the political administration.

The clustering of municipalities’ approach resulting in peer pressure among municipalities has also been found to be effective in terms of monitoring and evaluation activities. The use of benchmarking and monitoring of CRM key result areas served to provide a shared vision regarding CRM and what municipalities should aim to achieve. The provision of CRM benchmarks have been greatly appreciated by the Cebu expansion municipalities who are now imbued with a strong commitment to achieve at least a level 1 CRM certification rating in the 1st Quarter of 2002.

3.2.6 Palawan Province

The Palawan Learning Area is composed of the municipality of San Vicente (10 coastal barangays; 120 km of shoreline). Expansion areas cover 15 municipalities (233 coastal barangays; 1,164 km of shoreline).

Table 3-8 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C** = completed activities; **O** = ongoing activities) in the provincial learning area.

TABLE 3-8
PALAWAN PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|----------|----------|----------|----------|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Review of work plan, commitments and institutional capacity needs with province and other partners | C | | | | | |
| 2. Planning workshop with DENR/San Vicente on 2001 work plan; secure commitment of LGU | C | | | | | |
| 3. Plan approaches and phase-out activities for CRMP; define roles of province and partners (OPA, CI, RFTC, ELAC, PNNI, KKP) | O | O | O | C | | |
| 4. Review further institutional strengthening needs of pro-CRM team and plan for capacity building workshops | C | | | | | |
| 5. Monitor progress of CRM planning and implementation against CRM benchmarks | O | O | O | O | | |
| 6. Conduct M&E orientation workshops for: | | | | | | |
| Provincial partners | C | | | | | |
| San Vicente | O | C | | | | |
| Brooke's Point | C | | | | | |
| Narra | C | | | | | |
| Aborlan | O | O | O | O | | |
| Cagayancillo | O | O | O | C | | |
| Bataraza | O | O | O | O | | |
| 7. Strategic support and monitoring for completed learning areas | O | O | O | O | | |
| 8. Conduct capacity building training (including technical) for Bantay Dagat and FARMCs | | | | | | |
| • Provide TA to (1) formulate/pass municipal ordinances (2) manage protected areas and delineation of municipal waters, (3) orientation on MPAs in 10 barangays for ECAN zones | O | O | O | O | | |
| • Provide TA in the formulation and enactment of integrated fisheries ordinance for San Vicente | O | O | O | O | | |
| • Provide TA and training on the establishment/management of MPAs in expansion areas | O | O | C | | | |
| 9. Develop a proposal for municipal LGUs P500M fund earmarked for enterprise development in San Vicente | C | | | | | |
| 10. Develop ecotourism package for Port Barton | O | O | O | O | | |

TABLE 3-8 (Continued)
PALAWAN PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 11. Assist Port Barton Marine Park management council in formulating and implementing park management strategies | 0 | 0 | 0 | 0 | | |
| 12. Operationalize MCD and CRM monitoring system in learning areas | | | | | | |
| • Provide assistance to LGUs to link them to provincial CRM database | 0 | 0 | 0 | C | | |
| • Establish reporting mechanism from municipalities to province | 0 | 0 | 0 | C | | |
| • Compile province aggregated municipal coastal data | 0 | 0 | 0 | 0 | | |
| • Prepare reports culled from PCDB presentation of report at provincial development council | 0 | 0 | 0 | 0 | | |
| 13. Continue institutional strengthening for CRM program management and capacity building for MPDO, MAO, and PO offices | 0 | 0 | 0 | 0 | | |
| 14. Provide assistance in formulation of CRM plans in expansion areas | 0 | 0 | 0 | 0 | | |
| 15. Collaborate with City Agriculturist's Office and Puerto Princesa Subterranean River national Park Management on CRM Planning and IEC for Barangays Marufinas, New Panggana, and Cabayugan | 0 | 0 | 0 | 0 | | |
| 16. Provide assistance in mobilizing municipal CRM TWGs groups on the implementation of CRM plans and projects | 0 | 0 | 0 | C | | |
| 17. Monitor existing enterprises and establish self-supporting mechanisms | 0 | 0 | 0 | C | | |

Note: Activities with no shading are new activities added after WP submission.

3.2.6.1 Work Plan Accomplishments

Major accomplishments of the Palawan Learning Area during the 4th Quarter 2001 include:

Provincial Level

- Reinforcement of Pro-CRM Team's role and status through the issuance of Special Order for each team member, in addition to the Executive Order signed by former Governor Socrates
- Pushed formulation of a Provincial CRM plan with budget allocation of P2.5 million as provincial counterpart for the Pro-CRM Team

- Conducted M&E Workshop with 23 municipalities represented
- Participated in the 3-day Provincial Planning Summit where the CRMP framework was adapted and used in the planning workshops (At the plenary session, the Mayor of Magsaysay presented a resolution for the implementation of DAO 17 which was approved by the Governor and Provincial Board.)
- Drafted CRM provincial ordinance upon the request of Board Member Antonio Alvarez
- Coordinated DENR-PMS assessment and evaluation workshop at Port Barton
- Hosted and gave briefing to a 24-person FRMP visiting group from Region XI
- Continuous strengthening and coaching of Pro-CRM through monthly sessions and accompanied fieldwork
- MCD development ongoing in all municipalities except Culion

Municipal Level

San Vicente

- LGU building on CRMP enterprise initiatives by:
 - Increasing resources and capital of sardine production venture
 - Strengthening cooperatives and assigning full-time enterprise development staff
 - Expanding seaweed production
 - Providing support system to seaweed production such as transport of seedlings, identification of seaweed farm sites, additional capital
- Solicited 3 tons of seaweed seedlings from OPA for San Vicente;
- Accessed additional funds from SU-COE for MPA training for San Vicente technical core group; and
- Participatory coral reef monitoring at Port Barton.

Other Municipalities

- Conducted CRM activities in six other municipalities:

| | |
|----------|---|
| Narra | CRM planning |
| Bataraza | CRM planning |
| Taytay | CRM Orientation/MTWG organized |
| Aborlan | PCRA presentation (PCRA conducted in September), CRM planning |
| Quezon | CRM planning |

Cagayancillo implementation of MOA which defines CRMP's role in CRM planning and capability building on CRM

3.2.6.2 Activities Not Accomplished and Why

The MCD has not yet been installed in the province. Discussions on who will continue to gather and encode the data are still ongoing. One of the possibilities is to lodge the MCD with the Office of the Provincial Agriculturist or PPDO-Community-Based Monitoring System (CBMS), which is currently responsible in managing and operating the MCD. We are currently ironing out the kinks in the operating systems and schedules.

3.2.6.3 Issues and Lessons Learned

Data gathering and information management and utilization are the weakest performance areas of government at every level. It is not going to be fast or easy to get government officials, personnel, and community leaders and members to internalize and appreciate the value of a conscious and systematic M&E system, much more manage it themselves. There has to be a parallel program or unit to prove and sustain the importance of M&E in development and governance. Government plans are formulated and developed without benefit of more comprehensive on-site, relevant, and analyzed data and information. The Provincial Planning and Development Office can fill this gap but this office needs to be supported and "fired up" through a more intensive and focused training program for the staff and strong support from the Provincial LGU.

3.2.7 Sarangani Province

The Sarangani Bay Provincial Learning Area is composed of the following LGUs: Alabel, General Santos City, Glan, Kiamba, Maasim, Maitum, and Malapatan (66 coastal barangays; 231 km of shoreline).

Table 3-9 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C**=completed activities; **O**=ongoing activities) in the Sarangani Bay Provincial Learning Area.

TABLE 3-9
SARANGANI PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|----------|----------|----------|----------|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Conduct M&E (M&E workshops) per municipality and evaluate CRM against established benchmarks | C | | | | | |
| 2. Follow through presentation of MCRM plans to the MDCs and subsequently its approval by the SBs | O | O | O | C | | |

TABLE 3-9 (Continued)
SARANGANI PROVINCE
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 3. Facilitate presentation of the Sarangani Bay Integrated Management Plan to the EXECOM and its subsequent adoption by the PAMB and promote adoption and implementation of the bay-wide plan for Sarangani | O | O | C | | | |
| 4. Finalize and publish coastal environment profile | O | O | C | | | |
| 5. Follow through with writing and completion of the 7 MPA management plans and the organization of the management boards | O | O | O | O | | |
| 6. Strengthen the MPA monitoring system | O | O | O | C | | |
| 7. Follow through the community hearing approval and adoption of the RA 8550 (unified fishery ordinance) | O | O | O | O | | |
| 8. Assist the province in the formulation and writing of the environment code | O | O | O | O | | |
| 9. Develop brochures on CRM interventions highlighting MPAs | O | O | O | C | | |
| 10. Institutionalize CRM-IEC core group at the provincial and municipal levels | O | O | C | | | |
| 11. Institutionalize data bank on CRM (MCD) at the provincial level | O | O | C | | | |
| 12. Formulate CRM provincial report generated based on monitoring and evaluation for municipalities | O | O | O | O | | |

3.2.7.1 Work Plan Accomplishments

Major accomplishments of the Sarangani Learning Area during the 4th Quarter 2001 include:

- A bay-wide M&E workshop for Sarangani Learning Area was held
- CRM plans of six coastal municipalities and city in the learning area were completed and approved by their respective Local Development Councils, except for the municipality of Maasim.
- Assisted the DENR in presenting the Sarangani Bay Integrated Coastal Management Plan to the Protected Area Management Board (PAMB) of Sarangani Bay. The plan was approved and adopted by the Board on August 21, 2001. This same plan was presented and adopted by the General Santos City Council on November 8, 2001. The same plan was also presented to the Committee on Environment of the

Sangguniang Panlalawigan of Sarangani Province and will be presented to the SP for adoption.

- The Sarangani Bay Environmental Profile was completed, published, and already distributed to key offices actively implementing CRM activities in General Santos City and Sarangani Province.
- Kiamba completed its Tuka 2 Fish Sanctuary Management Plan. Other municipalities are still in the process of drafting their MPA management plans.
- The “Coral Reef Monitoring for Management” guidebook (jointly published by CRMP and other organizations) is being used by College of Fisheries of the Mindanao State University and will also be used in the subsequent monitoring of the Tuka 2 Fish Sanctuary. Fisheries Technicians and those assisting in the management of fish sanctuaries in Sarangani Bay are likewise using this as basic reference material.
- Municipal Fishery ordinances are in various stages of completion in seven LGUs with four approved by the SB/SP.
- The drafting of Sarangani Environment Code was recommended to be prioritized during the formulation of the Local Executive Agenda held in August 2001.
- MCDs were updated and reinstalled in all the seven municipalities and one city including the CRM Division, PMU, DENR, and SMICZMP.
- All M&E reports of the municipalities for the year 2000 were already completed. M&Es for the year 2001 are currently in different stages of completion.
- We assisted OPAG in activating the province’s CRM Division through clarifying the structure and their corresponding task and function.
- The team facilitated the organization of Provincial CRM Certification TWG and subsequently the formulation of a MOA on the implementation of the CRM Certification System.
- We assisted the municipality of Malapatan in conducting underwater resource assessment for the establishment of two marine protected areas along Brgys. Lower Lasang and Tuyan.
- We received a double citation from the Sarangani Provincial Government (both personal and as a project) for the dedication to work and support to the provincial government’s program on the coastal environment.
- The team assisted OPAG’s CRM Office in exploring inland fishery projects (lakes) as possible alternative livelihood option to reduce fishing pressure in Sarangani Bay.

3.2.7.2 Activities Not Accomplished and Why

MPA management plans of Alabel and Glan have not yet been finalized due to other priority activities.

The CRM plan of Maasim has already been presented to the SB for adoption but the MENRO/Fishery Technical has to speed up the process so that the SB could adopt it by January 2002. Because of this delay, the finalization of the CRM M&E report has also been delayed until the adoption of the CRM plan.

3.2.7.3 Issues and Lessons Learned

The role of the province as technical assistance provider is very crucial. Municipalities need data especially on the bio-physical aspect so it is important that data are processed quickly to provide municipalities the information they need for planning.

The role of the deputized fish wardens in coastal law enforcement is likewise crucial. For them to be effective, training on report generation, documentation, and a monitoring mechanism is needed.

The MCD of Maasim is poorly managed due to absence of personnel trained in information management.

3.2.8 Local Implementation in Expansion Areas

Local implementation in CRMP expansion areas is facilitated through the dissemination of CRMP products and services. Expansion areas are evaluated by the same indicators as learning areas. Expansion areas often draw on leveraged support systems through political will and financial allocations of municipal and provincial governments as well as other donor projects, which are aligned with CRMP.

Table 3-10 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress in Expansion Areas (**C** = completed activities; **O** = ongoing activities).

TABLE 3-10
LOCAL IMPLEMENTATION IN EXPANSION AREAS
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Provincial core technical assistance and training groups strengthened with selected follow-up training and materials | | | | | | |
| Masbate Province | O | O | O | O | | |
| • Guidance, coaching, monitoring | O | O | O | O | | |
| • Strategic and Operational planning to operationalize the Masbate Provincial Environment Code (MPEC) | | | O | C | | |

TABLE 3-10 (Continued)
LOCAL IMPLEMENTATION IN EXPANSION AREAS
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| • Assistance in monitoring and evaluation | | | O | C | | |
| • Installation of Provincial CRM Certification System | O | O | O | O | | |
| • Guidance on Provincial CRM Framework Plan | | O | O | O | | |
| • Facilitation of CRM plan writeshop for remaining 8 municipalities | C | | | | | |
| • Assistance in the delivery of MPA establishment and management | | O | O | O | | |
| • Assistance in organizing shoreline development training | | | C | | | |
| • Assistance in the delivery of Coastal Law Enforcement Training | | | | C | | |
| Romblon Province (Selected activities) | O | O | O | C | | |
| Surigao del Sur (Selected activities) | O | O | O | C | | |
| 2. Potential New Provinces with PCRA, CRM and MCD orientation trainings: Davao del Norte; Guimaras; Panay; Iloilo, Capiz, Aklan and Antique Provinces; Camiguin; Siquijor; Eastern Samar; Quezon; Surigao del Norte; Negros Occidental; Sultan Kudarat; Batangas and Leyte | O | O | O | O | | |
| 3. Fisheries Resource Management Project (FRMP of BFAR) | | | | | | |
| • Joint publication of guidebooks and others | O | O | O | C | | |
| • MCD adopted as an ICM planning and monitoring tool in each LGU | O | O | O | O | | |
| • Strategic training of FRMP staff to utilize CRMP products | O | O | C | | | |
| 4. Community-based Resource Management Project (CBRMP) of DOF | | | | | | |
| • Orientation on ICM and best practices for integration into CBRMP sites | O | O | O | O | | |
| • MCD adopted as an ICM planning and monitoring tool in each LGU | O | O | C | | | |
| • Participation in Region VII; LGUs monitored and assisted via provincial partners | O | O | C | | | |
| 5. Southern Mindanao Integrated Coastal Zone Management Project | | | | | | |
| • Continuation of plan implementation and best practices started under CRMP | O | O | C | | | |
| • Orientation on ICM as a basic service of LGUs in project area | O | O | O | C | | |

TABLE 3-10 (Continued)
LOCAL IMPLEMENTATION IN EXPANSION AREAS
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| • MCD adopted as an ICM planning and monitoring tool in each LGU | | | O | C | | |
| 6. CRMP Indonesia of USAID | | | | | | |
| • Joint publication of MPA workshop exchange proceedings | O | O | C | | | |
| • Co-production of reef monitoring book | O | O | O | C | | |
| • Study tour to Philippines | | C | | | | |
| 7. World Wildlife Fund, Sulu-Sulawesi Program in Philippines and Indonesia | | | | | | |
| • Baseline assessments build on methods used by CRMP through PCRA | O | C | | | | |
| • Policies promote CRM as a basic service of LGUs | O | O | C | | | |
| 8. Batangas expansion area (Tingloy and Mabini) | | | | | | |
| • Both municipalities adopt CRM as a basic service | O | O | O | C | | |
| • Work in collaboration with KKP and Sulu Fund to accomplish targets | O | O | O | O | | |

3.2.8.1 Work Plan Accomplishments

Accomplishments during the 4th Quarter 2001 include:

Masbate Province

- Coordinated and conducted an organizational development and team building workshop in preparation for the organization of the Provincial Office on Environment and Natural Resources Management (POEM) participated in by personnel of the Department of Fisheries and Aquatic Resources and the Environment and Natural Resource Office, as well as members of the Provincial CRM Core Group and PPDO staff members
- Coordinated and conducted an MCD and M&E Workshop participated in by representatives of municipal and city LGUs, DENR Region 5, DA-BFAR Region 5, and members of the Provincial CRM Core Group (With this workshop, the province has completed all training modules available at this time from CRMP)
- Received and transmitted resolutions from municipal SBs and Sangguniang Panlalawigan supporting DAO 17 and calling for its immediate implementation
- Assisted Sangguniang Panlalawigan in drafting provincial resolution adopting FAO No. 214 (Code of Practice for Aquaculture) and consulted BFAR on proposed

ordinance on hatchery accreditation and regulation, the possibility of setting up a PCR laboratory, and a mariculture park in the province

- Started packaging the 5-year CRM plan of the municipality of Mandaon
- Continued consultations with staff of PPDO, ENRO, BFAR, and members of the CRM Core Group on the organizational needs of the POEM
- Continued preparations for an Environmental Summit (the Summit was indefinitely postponed, however, upon the request of the Governor)
- Monitored preparation of CRM plans or adoption of CRM as a framework for the Comprehensive Land Use Plan (CLUP)
- Coordinated study tour of LGU representatives from Masbate City
- Conducted interviews with key provincial informants to document provincial experience in CRM
- Assisted Environment Code TWG in preparation of A/V presentation on POEM organizational development efforts
- Monitored provincial technical assistance to municipality and city LGUs, and progress of coastal management implementation by municipal and city LGUs.
- Received and transmitted to NAMRIA, municipal and provincial resolutions supporting DAO 17 and calling for its immediate implementation

Other Expansion Activities

- Facilitated ICM and PCRA Training to the DENR CEP-assisted municipalities in Region 3 covering the provinces of Bataan, Zambales, Pampanga, and Bulacan
- Facilitated use of MCD/M&E and in the provinces of Romblon, Aklan, Antique (Panay), Davao del Norte, Davao Oriental, and Compostela Valley
- Assisted 12 municipalities of Romblon to formulate their CRM Plans
- Reviewed original structure and functions of Romblon's Provincial Environment and Natural Resources Office
- Organized and planned MCD/M&E Training for the provinces of Surigao del Norte and Surigao del Sur
- Continued to share results with FRMP and CBRMP
- Assisted SMICZMP with project planning and with CRM materials

3.2.8.2 Activities Not Accomplished and Why

For Masbate expansion area, environment summit and related events, which would have served as official launching of the Provincial Environment Code, were postponed indefinitely upon the request of the Masbate Governor. Also, monitoring and evaluation activities at the municipal level were deferred on request by the LGUs, who said they needed to focus first on the comprehensive land use plans (CLUPs). In addition, the official delineation of municipal waters by the Sangguniang Bayan of the respective municipal/city governments has not progressed, as the NAMRIA has yet to release the technical description requested by the LGUs.

The MCD/M&E Training for the provinces of Surigao was postponed due to conflicting schedules. Nevertheless, this activity will push through in the 1st Quarter of 2002 integrating validation workshops on municipal water delineation of the two provinces.

3.2.8.3 Issues and Lessons Learned

The Masbate Environment Code, if enforced faithfully, will be a key sustainability factor for CRM in the province. The Code provides that the province should formulate a Coastal Resource Management Framework to be integrated into the Provincial Physical Framework Plan, which is the basis of all comprehensive land use plans in the province. In addition to other considerations, the Provincial Technical Working Group and Provincial Land Use Committee are mandated to review the CLUPs in terms of its compliance with coastal management principles. This will help ensure that all future CLUPs, the basis for development activities at the municipal and city level, conform to the requirements of coastal resource management. As well, it helps the integration of all development sectors in the coastal management effort.

For the Masbate expansion area, the organization of POEM faced unexpected resistance from the new OIC of the Environment and Natural Resources Office (ENRO) and may take longer than planned to allow levelling off of expectations and issues.

3.2.9 Training Component

The Training Component supplies the means to build institutional capacity for integrated coastal management (ICM) at the municipal and provincial level. By the end of 2001, it has completed various training courses for all key expansion areas and partners of CRMP.

Table 3-11 provides a summary of the 2001 Work Plan Activity Schedule (shaded areas) and progress to date (**C** = completed activities; **O** = ongoing activities) by quarter.

TABLE 3-11
TRAINING COMPONENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Package all CRMP generated training modules | | | | | | |
| - 10-day ICM Training Course | O | O | C | | | |
| - 3-day ICM Short Course | O | O | C | | | |
| - Mangrove Rehabilitation and Management Training | O | O | C | | | |
| - Coastal Tourism Management Training | O | O | C | | | |
| - Marine Protected Area Establishment and Management | O | O | C | | | |
| - Participatory Coastal Resource Assessment Training | O | O | C | | | |
| 2. Conduct MPA Management Training | O | O | O | C | | |
| 3. Conduct Monitoring and Evaluation Package Training support | O | O | O | C | | |
| 4. Support to ICM guidebook orientation conferences | | | O | O | | |
| 5. Assistance in organizing training on selected coastal management options | | O | O | C | | |
| 6. Assistance in training and installation of MCD | O | O | O | C | | |
| 7. Delivery of ICM-PCRA-Planning package | | | O | C | | |
| 8. Assistance in writeshops and CRM plan packaging | O | O | O | C | | |
| 9. Delivery of training activities on selected coastal management options (MPA, Mangrove, Tourism) | | | O | C | | |
| 10. Assistance in strengthening of provincial support group | O | O | O | C | | |
| 11. Distribution of training modules | | O | O | O | | |

3.2.9.1 Work Plan Accomplishments

Major accomplishments of the Training Component during the 4th Quarter 2001 include the following:

- In close collaboration with other technical team members and provincial coordinators, coordinated and conducted M&E and MCD training-workshops covering 151 municipalities in 13 provinces. Subsequently, most of the municipalities of the six learning area provinces have already installed and updated MCD data, and information flow firmed up from municipalities to the province. Corollary to this, the team assisted in the design of the provincial MCD reports, which are now being installed, in respective provinces.
- The team continued the provision of technical assistance and conduct of MPA training activities in Cebu, Palawan, and Masbate. In close coordination with the Cebu expansion team, the training component provided assistance in delineating proposed MPAs and mapped survey results accordingly.

- Conducted ICM training in Region 3 in collaboration with DENR, covering seven municipalities in four provinces together with representatives of PENRO's of respective provinces (Under this activity, the M&E framework and benchmarks were incorporated and MCDs distributed to both municipal and PENRO representatives.)
- Facilitated the Organizational Development workshop for the creation of the Masbate's Provincial Office of Environment and Natural Resource Management
- Continued to prepare maps and other presentation materials for various CRMP presentations

3.2.9.2 Activities Not Accomplished and Why

M&E and MCD training-workshop for the provinces of Surigao could not be accommodated because of the incompatibility of schedules. This activity however, has been set for early 2002.

3.2.9.3 Issues and Lessons Learned

National Level: The target to institutionalize CRM training activities to national training agencies such as RFTCs, seemed to be unattainable. While there are a number of personnel from these agencies trained, the thrusts and directions of this institution vary year after year. It is therefore strongly recommended that CRM training programs should be instituted in an office whose main function is primarily, the delivery of the CRM-related technical assistance such as the proposed Coastal and Marine Management Office in the DENR.

Provincial Level: Most if not all the provinces CRMP has assisted have organized CRM Technical Working Groups (TWG) responsible for providing technical assistance and training support to municipal LGUs. This seems to be working very well, albeit the institutional arrangement is interim. It is suggested that efforts should be stepped up to firm up arrangements so that it may live beyond the project's life. Critical to this is the office in the province to provide coordinating function given the multi-sectoral nature of the TWGs.

3.2.10 Coastal Law Enforcement

Coastal Law Enforcement Alliance in Region 7 (CLEAR7) is a joint initiative of the DENR, DA-BFAR, DILG, PNP, PCG, NBI, LMP-Bohol, International Marinelife Alliance, Environmental Legal Assistance Center, Philippine National Association of Fish Wardens, and CRMP which hopes to address illegal and destructive practices affecting the coastal environment by piloting and packaging an integrated multi-agency and multi-sectoral coastal law enforcement strategy. A memorandum of understanding along the agencies was signed in June 2000.

TABLE 3-12
COASTAL LAW ENFORCEMENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. CLEAR7 completed and supported | | | | | | |
| • Conduct coastal law enforcement training to strengthen general deterrence capacity of local enforcement units | C | | | | | |
| 2. Information, Education and Communication | | | | | | |
| • Promotion of sustainable fishing practices for voluntary compliance through radio and print media | O | O | O | O | | |
| • Coastal Law Enforcement Guidebook printed and distributed | O | O | C | | | |
| • Coastal Law Enforcement Guidebook completed | O | O | C | | | |
| • First of the monthly on-air "Kapihan" aired in Cebu | O | O | C | | | |
| • Video clips for all passenger boats released and distributed to all passenger ships | | O | C | | | |
| • Community dialogue between police and fisherfolks on illegal fishing conducted in Cebu Pilot LGUs | O | O | C | | | |
| • First of the regular dialogue with fiscals completed | O | O | C | | | |
| • CLEAR7 Brochure printed and distributed | O | O | C | | | |
| • CLEAR7 Bulletin Board in every agency established | | O | O | O | | |
| • CLEAR7 speaker's bureau formed, oriented, trained, and equipped with presentation materials | | O | C | | | |
| • Coastal law enforcement adopted as a component of the Barangay Intelligence Network | | O | C | | | |
| • Training of MAOs from 10 CLEAR7 Cebu Pilot LGUs as fish examiners completed | | | C | | | |
| • LOI Kalisakan for PNP Regional Office 7 re-launched through CLEAR7 assistance | | O | C | | | |
| • Coastal Law Enforcement training module packaged, printed, and adopted by the PCG Training Division and PNP Maritime Training School | | O | O | O | | |
| • Coastal Law Enforcement Trainors' Training module packaged, printed and adopted by the PCG Training Division and PNP Maritime Training School | | | O | O | | |
| 3. Inter-Agency Coordination | | | | | | |
| • Operations center established | | O | C | | | |
| • Coastal Law Enforcement Agreement in Bohol Strait signed | | | C | | | |
| • Expanded CLEAR7 MOA signed and distributed | | O | C | | | |
| 4. Training | | | | | | |

TABLE 3-12 (Continued)
COASTAL LAW ENFORCEMENT
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| • Coastal law enforcement training for Bohol Pilot LGUs completed | C | | | | | |
| • Trainors Training on Coastal Law Enforcement completed | | | C | | | |
| • Paralegal training for CLEAR7 pilot LGUs started | O | O | O | O | | |
| • One-day internet training for CLEAR7 partners completed | O | O | C | | | |
| • Four CLEAR7 agencies assisted in the development of web page and linked with CLEAR7 web page | | O | C | | | |
| 5. Documentation and Replication | | | | | | |
| • Best coastal law enforcement practices documented | | | O | O | | |
| • Institutionalization: adoption of CLEAR7 as a program/strategy of the Regional Development Council | | | C | | | |

3.2.10.1 Work Plan Accomplishments

Major accomplishments of the Coastal Law Enforcement Component for the 4th Quarter 2001 include:

- **Coastal Law Enforcement Training.** There was no training conducted in the 4th Quarter; however, a request from the Save the Children-USA of Iloilo brought a CLEAR7 training cadre to the municipalities of Ajuy and Conception to conduct a training needs assessment in preparation for a training in the 1st Quarter of 2002.
- **Signing of a MOA on the Impoundment of Commercial Fishing Vessels.** CLEAR7 partners signed the MOA on the inter-agency cooperation on berthing, anchoring, and dry-docking of impounded commercial fishing vessels in the region. This is a result of a series of consultative conferences on the problem regarding lack of impoundment areas for apprehended commercial fishing vessels. The MOA was signed in the BFAR compound on November 29, 2001.
- **Launching of the PNP Environment Desk.** A series of consultative conferences on the establishment of a quick response mechanism to address the alarming problem on environmental protection resulted to the issuance of Letter of Instruction (LOI) Perfect Environment by the PNP Regional Office 7. The LOI provided for the appointment of at least one trained police officer per police station to be responsible for responding to and referring environment-related cases. The LOI was drafted by the PNP Operations Center in consultation with the PNP Training Center, PNP Traffic Management Group, PNP Maritime Group, PNP-Human Resource, PNP-Police

Community Relations, PNP Operations Office, Coast Guard, Navy, BFAR, DENR, ORSP, ELAC, and DILG. The LOI was signed on December 21, 2001.

3.2.10.2 Activities Not Accomplished and Why

“Kapihan” and Media Relations. The proposed regular radio-TV program for CLEAR7 did not materialize due to various reasons. One of which is a seeming overrun of radio programs provided to government agencies by media organizations. The association of government public information officers, for one, whose members sit in CLEAR7 task group on promotion of sustainable fishing, holds a regular radio program. On top of this, individual agencies have other media “commitments” to other outfits that kept them busy to create another one.

Establishment of an Operations Center. The year ended without a clear direction for the planned establishment of a CLEAR7 operations center that will serve as a hub of all coastal law enforcement efforts in the region, because it is apparent that no government agency is willing to commit on the maintenance expenses for equipment proposed to be procured. However, with the establishment of the Environment Desk, the existing PNP operations center will double as a CLEAR7 operations center since part of its new mandate is to enforce and document coastal laws among many other laws.

Piloting in Bohol Strait. The national and local elections this year plus the “politically charged” environment surrounding the region made it nearly impossible to get LGUs from at least two provinces to sit down and map out common strategies. The rapid changes of law enforcement heads due to changes in political administration is also the reason why it is hard to maintain the momentum started by the previous LGU and law enforcement heads.

3.2.10.3 Issues and Lessons Learned

The CLEAR7 framework provided for seven key components to be undertaken by the regional agency dominated –signatories. These are (1) Local Government Support, (2) Field Operations, (3) Promotion of Sustainable Fishing, (4) Inter-agency Coordination, (5) Capacity Building, (6) Monitoring and Evaluation, and (7) Documentation and Replication.

Based on one year of experience of the CLEAR7 partners, some components cannot be effectively undertaken without the active involvement and participation from the planning stage to the implementation stage by key stakeholders such as the local government units.

Inasmuch as CLEAR7 is a pilot case for a region-wide law enforcement effort it focused on coordination among law enforcement organizations. An important lesson here is that it is vital to also coordinate with provincial and municipal local governments whose role in decision making is very essential to meet the objectives set by each component. In fact it becomes nearly impossible to attain success by some components such as local government support, field operations, and promotion of sustainable fishing without the frontline support of local governments.

Lessons drawn from Bohol's Coastal Law Enforcement Council (CLEC), which is a local government-led initiative, clearly indicate also that local government support especially from the coastal municipalities are better derived if spearheaded by both the provincial government and their local leagues of LGUs. This is perhaps because the provincial government has a better leverage than the regional offices to exert vertical pressure and the leagues, lateral pressure for cooperation. Better chances of garnering success in winning cooperation are had when the provincial government shows a pro-active role in law enforcement. This means not only political and administrative leadership but also fiscal support especially in the conduct of field enforcement operations.

Nonetheless, the role of regional agencies in the total coastal law enforcement equation cannot be undermined especially in promoting interagency coordination, capacity building, monitoring and evaluation, and documentation and replication simply because these components cannot be successfully undertaken without cross-boundary dialogues and agreements that regional agencies can better accomplish. Another reason is that most law enforcement agencies although operationally under the LGUs are still administratively tied up to their national agency heads.

3.2.11 Monitoring and Evaluation

The focus of this component is to document the progress of the project in meeting local implementation indicators as described in Section 1.2. The Municipal Coastal Database (MCD) serves as the primary tool to monitor and evaluate LGUs in terms of kilometers of shoreline with improved CRM and to systematically manage information on CRM by LGUs. In addition, biophysical changes in coral cover and fish abundance in and adjacent to six selected marine sanctuaries are monitored and results fed back for planning and policy development.

Table 3-13 provides a summary of the 2000 Work Plan activity schedule (shaded areas) and progress to date (**C** = completed activities; **O** = ongoing activities) by quarter.

TABLE 3-13
MONITORING AND EVALUATION
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|---|----------|----------|----------|----------|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| 1. Biophysical monitoring of marine sanctuaries | | | | | | |
| • Monitor six learning area marine sanctuary sites | O | O | O | C | | |
| • Analyze trends and publish results based on 4 years of data | | O | O | O | | |
| • Develop a simple and user friendly report on results for wide dissemination | | O | O | O | | |
| 2. Municipal Coastal Database | | | | | | |
| • Expand to include all coastal municipalities | O | O | O | O | | |
| • Review and analyze changes since outset of CRMP | O | O | O | O | | |

TABLE 3-13 (Continued)
MONITORING AND EVALUATION
2001 Work Plan Activity Schedule and Progress to Date

| Activity | 2001 | | | | 2002 | |
|--|------|----|----|----|------|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| • Consolidate database for easy access and use through CDROM and other means | 0 | 0 | 0 | 0 | | |
| • Transfer of MCD to national government agency | | 0 | 0 | 0 | | |
| 3. Conduct internal CRMP evaluation and report | | | | | | |
| • Hold yearend workshop to evaluate results | | | | C | | |
| • Analyze, generate and disseminate evaluation | | | | | | |
| • Develop summary CRMP report and disseminate widely | | | | 0 | | |

3.2.12.1 Work Plan Accomplishments

Major accomplishments for the 4th Quarter 2001 include:

Biophysical Monitoring of MPAs

Biophysical monitoring of fish abundance and coral cover was conducted for the following six project-assisted marine sanctuaries using standardized survey methods: Cabacongan, Loon, and Lomboy, Calape (Bohol); Gilutungan, Cordova (Cebu); Cangmating, Sibulan (Negros Oriental); Port Barton, San Vicente (Palawan); and Tuka (Poblacion), Kiamba (Sarangani).

Major accomplishments under the MPA monitoring of the M&E Component for the 4th Quarter 2001 include:

- Data from monitoring was updated and are summarized in Appendix A.
- Standard and simple reef survey methods have been used throughout the monitoring activity and are now presented in a reef monitoring handbook printed in early 2001 jointly with UP-MSI, FRMP and other organizations.
- A final report of all the data collected since 1997 is drafted for finalization in 2002 that represents the changes in the coral reef environment in response to the management interventions of the CRMP assisted communities.

Municipal Coastal Database (MCD)

The MCD is being adopted by all project learning area provinces and other government projects and partners (FRMP, SMICZMP, CBRMP, various NGOs, and other provincial partners) as the data management system for tracking all CRM-related activities, accomplishments, and impacts. The MCD feeds directly into the CRM monitoring and evaluation system being utilized by each participating LGU in CRMP learning and expansion

areas and will serve as the first nationwide database system once it is functional within the DENR and a wider network of LGUs.

Major accomplishments during 4th Quarter 2002 include:

- MCD records were updated for all participating LGUs through a series of workshops in each learning area province to train LGU staff, check computers, debug programs and assist to input data as required.
- The MCD program was fully debugged for municipal level operation and has been installed in all CRMP learning and expansion area municipalities with computer capability and interest to participate.
- The MCD now has a reporting feature for both municipal and provincial levels that make it easy to show CRM progress and impacts in graphs for use as a planning tool.
- All CRMP provinces (Bohol, Cebu, Davao del Sur, Negros Oriental, Palawan, Sarangani, and Masbate) have fully adopted the MCD for its coastal information system.

3.2.12.2 Activities Not Accomplished and Why

The full institutionalization of the MCD within all project expansion LGUs is not yet complete because of lack of computer hardware, lack of trained staff, and lack of time to personally instruct each LGU on its installation and use. In addition, it takes some time for LGUs and their personnel to fully appreciate the benefits of adopting the MCD. Those that started using it several years ago are very satisfied with the benefits of the MCD and intend to maintain and expand its use in the future. Other factors that affect the adoption of the MCD include: weak mandate for the provincial office to take the lead in the MCD information system and a lack of budget and staff at the provincial level. In addition, the whole concept of data management is rather new and few people have a firm grasp on how to manage and update data systems without redundancy, gaps, and errors.

3.2.12.3 Issues and Lessons Learned

It is increasingly clear that without a functional data management system at the municipal, city, and provincial levels of government in the Philippines, there will never be good coastal management planning and implementation. The cycle of data collection, storage, retrieval, and updating is a prerequisite to any effective field management. And it is not possible to evaluate past and present efforts for effectiveness without a system for recording what is working and its relative impact. In the Province of Bohol where the BEMO has been set up and is operating with a very useful information system in place, the province can now undertake planning that is based on sound information. Technical staff can draw on the information base for planning, training, and informing the government on policy issues and results in the field. This is an essential management tool that will improve the effectiveness of CRM many fold in coming years.

4.0 PROJECT MANAGEMENT

4.1 WORK PLAN ACCOMPLISHMENTS

Major accomplishments for the 4th Quarter 2001 include:

- Year-end and last major CRMP Annual meeting conducted with all staff and NGA collaborators in DENR
- Project plans refined for January to June 2002 including re-evaluation of staffing requirements

4.1.1 Cost Control

Total project expenditures through December 31, 2001 represent 80 percent of the total budget. The estimated percent of expenditures by implementation and activity as of December 31, 2001 is as follows:

TABLE 4-1
SUMMARY PERCENT OF TOTAL EXPENDITURES IMPLEMENTATION
BY LEVEL AND ACTIVITY
January 1 to December 31, 2001

| Implementation Level/Activity | Percent of Expenditures To Date |
|---------------------------------------|------------------------------------|
| CRM Core Activities/Administration | 50.0 |
| Policy | 8.0 |
| Mangrove Management | 5.0 |
| Performance Monitoring | 1.0 |
| San Vicente, Palawan | 3.0 |
| Negros Oriental | 3.0 |
| Olango Island, Cebu | 3.0 |
| Bohol | 4.0 |
| Malalag Bay, Davao del Sur | 2.0 |
| Sarangani Bay | 2.0 |
| Multisectoral Coordination | 1.0 |
| Silliman University Marine Laboratory | 6.0 |
| Expansion Activities | 12.0 |
| Total | 100.0 |

Notes:

1. Percent of expenditures are estimated and should not be used for contractual or accounting purposes.
2. Expenditures include labor, other direct costs, subcontractors, and associated overhead and fee.

4.1.2 Subcontractor and Individual Consultant Agreements

A summary of subcontractor firms and individual consultants who have provided support to various CRMP activities from the period January through September 2001 are listed in Table 4-2.

TABLE 4-2
SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS
(January 1, 2001 to December 31, 2001)

| Organization / Individual | Services |
|--|---|
| Organization | |
| Pacific Rim Innovation and Management Exponents | Technical staff in support of policy component including: policy core advisor, policy researcher, and support staff |
| Philippine Business for Social Progress * | Assistance in strengthening CRM Plan implementation and sustainability in Olango Learning Area including Gilutungan Island |
| Rotarian Martin "Ting" Matiao Foundation, Inc. * | Community-based coastal management support in Negros Oriental |
| Individual | |
| Ablong, William | Technical Assistance as Provincial Learning Area Coordinator for Negros Oriental |
| Amejan, Andres * | Technical assistance on mariculture enterprise projects for the Learning areas in Negros Oriental, Bohol, and Olango Island |
| Amihan, Melinda | Technical assistance in local implementation in Palawan Learning Area |
| Balisacan, Caridad | Assistance in graphic arts for various CRMP publications |
| Batongbacal, Jay | Technical assistance as Legal Consultant |
| Bendijo, Rey | Technical assistance as Training and Field Facilitator in Negros Oriental |
| Besa, Dexter Allen | Assistance in graphic arts for various CRMP publications |
| Blanco, Reggie *** | Technical assistance in community organizing (CO) activities in Olango Island |
| Borres, Jovita | Technical assistance in community organizing in San Vicente, Palawan |
| Cabangon, Hermenegildo | Technical Assistance as Provincial Learning Area Coordinator for Sarangani Bay |
| Collantes, Ysolde | Assistance in graphic arts for various CRMP publications |
| Deguit, Evelyn | Technical assistance as Core Advisor for CO/CD |
| Dequito, Kent | Technical assistance for coastal resource assessment community organizing in Sarangani Learning Area |
| Dolumbal, Erwin | Assistance as CRM Technical Assistant for Negros Oriental |
| Fabunan, Dolores (completed in April 2001) | Assistance as CRM Specialist |
| Farrarons, Rosario | Assistance as IEC Specialist |
| Floren, Jessie | Technical assistance as Training Assistant in CRMP's training component |
| Flores, Ma. Monina | Technical assistance as CRMP's Enterprise Development Coordinator |

TABLE 4-2 (Continued)
SUMMARY OF CRMP TEAM FIRMS AND INDIVIDUAL CONSULTANTS
(January 1, 2001 to December 31, 2001)

| Organization / Individual | Services |
|---------------------------------------|--|
| Francisco, Benjamin * | Technical assistance as Provincial Coordinator for the Palawan Learning Area |
| Gasalatan, Mario | Assistance in Cebu expansion areas for PCRA and MPA establishment |
| Gonzaga, Glenn (completed 4/05/01) | Project oversight for enterprise development products in Cebu and Bohol Learning areas |
| Green, Stuart | Technical assistance in Bohol Learning area as Provincial Coordinator |
| Gulayan, Anecita | Technical assistance in the Bohol Learning area |
| Iturralde, Gemma | Technical assistance in Davao del Sur Learning area as Provincial Coordinator |
| Jarantilla, Juliet | IEC assistance in Bohol Learning Area |
| Jatulan, William | Technical assistance in CRMP's training course as Training Coordinator |
| Leocadio, Flora | Technical assistance as Enterprise Development Specialist and provincial coordinator for the Learning areas in Negros Oriental and Palawan |
| Liggayu, Claudette | Technical assistance in the Palawan Learning area |
| Lim, Romina Astrid | Assistance as IEC and Social Mobilization Specialist |
| Mancao, Roquelito | Technical assistance in the Malalag Bay Learning Area |
| Morales, Manolita | Assistance as Social Mobilization Specialist |
| Ocaña, Michael | Assistance as Database Programmer |
| Portigo, Ma. Fe | Technical assistance as Learning Area Coordinator for the Cebu Learning Area |
| Raagas, Arcille | Facilitation assistance for various policy workshops |
| Rodriguez, Jose | Assistance as CRMP Planning Assistant |
| San Juan, Lizette * | Technical assistance in the Sarangani Bay Learning area |
| Secuya, Modesto | Technical assistance for CRMP's website, www.oneocean.org |
| Sia, Asuncion | Technical assistance as Information Materials Development Specialist |
| Smith, Rebecca | Technical assistance as IEC Core Advisor |
| Socrates, Agnes | IEC assistance for the Palawan Learning Area |
| Tesch, Sheryll | Assistance as PCRA Research Assistant |
| Uychiaoco, Andre | Technical assistance in monitoring marine protected areas in CRMP learning areas |

* Completed services in March 31, 2001; ** Completed services in June 30, 2001; ***Completed services in December 31, 2001

The following Tetra Tech CRMP project employees continued to provide their technical services during 2001 (those ending March 31, 2001 are marked with an (*)):

- Johnette Delegero* : Learning Area Coordinator for the Malalag Bay Learning Area
- Leticia Dizon (completed Aug. 31): Publication Technical and Copy Editor
- Marlito Guidote: Local Government Coordinator
- Dioscoro Melana* : Technical Manager - Mangrove Management Component
- Alexis Yambao: CRM Specialist
- Calixto Yao* : Mangrove Management Specialist

4.2 ACTIVITIES NOT ACCOMPLISHED AND WHY

None.

4.3 ISSUES AND LESSONS LEARNED

None.

5.0 PROJECT PERFORMANCE AND IMPACT

In this section, the overall performance and impact of CRMP is summarized according to the 2001 Annual Work Plan accomplishments, progress in meeting project targets, and impact on key participating agencies and organizations. In addition, key implementation problems and issues, proposed courses of action, and adjustments to the work plan targets are described. A graph depicting project targets and results are shown in the Executive Summary and Appendix A of this Annual Report.

5.1 OVERALL STATUS OF WORK PLAN ACTIVITIES

All major programmed activities were accomplished in 2001 as documented in the achievement of project targets of which all have been met or surpassed.

At the national level, major accomplishments include facilitating the approval of DAO 17 on the delineation of municipal water boundaries and in raising the level of awareness on the importance of municipal water boundary delineation to help curb overfishing in the country. The launching of the Philippine Coastal Management Guidebook Series, with eight books covering all aspects of coastal resource management, is a major milestone for CRMP in partnership with the DENR, DA-BFAR, and DILG. This is the first time in the Philippines that a major and comprehensive policy document provides excellent guidance for all complexities of CRM with a focus on the local government as the primary planner and implementer. This series, intended for nationwide distribution, is already providing useful guidance to many LGUs that were not directly assisted by CRMP.

Most work plan activities in the learning and expansion areas have been accomplished as shown below and detailed in Appendix A. Increasing numbers of LGUs have CRM budgets, MFARMCs, CRM plans, and best practices of law enforcement, MPAs, and mangrove management. Selected enterprises and others are also being implemented.

In support of municipal and city CRM programs, provinces are taking an increasing role in providing information management, technical assistance, training, and some funding. A

major theme of CRMP in 2001 was to facilitate the role of provinces in CRM with notable successes being baywide and provincial CRM plans with the province as the overall coordinator.

5.2 PROGRESS IN MEETING PROJECT TARGETS

The project has met or exceeded all targets under the USAID-approved revised Results Framework.

5.2.1 Strategic Objective Indicators

A total of 96 learning and expansion area LGUs covering 3,056 km of shoreline have met all three indicators for improved management of coastal resources for the year ending 2001, exceeding the target of 2,100 km of shoreline for 2001 and also the target of 3,000 km for 2002. This represents about 11.5 percent of all coastal LGUs and 17 percent of the total shoreline of the Philippines.

Survey results conducted in 2001 (detailed in Appendix A) show that fish abundance increased some 233 percent above the baseline inside marine sanctuaries (versus a 2001 target of 30 percent) and 79 percent above the baseline adjacent to marine sanctuaries (versus a target of 10 percent). These high percentage changes reflect the success of the sanctuaries in relation to the relatively low baseline figures for fish populations due to the degraded and poorly managed condition of these sanctuaries during the baseline year of 1997 and prior years.

Live hard coral cover increased 43 percent above the baseline inside marine sanctuaries (versus a 2001 target of 12 percent) and increased 39 percent above the baseline adjacent to marine sanctuaries (versus a target of 4 percent). Record high tropical sea surface temperatures during the 1997-1998 El Niño event resulted in coral bleaching throughout coral reefs in the Philippines with an average national mortality of about 20 percent. Thus, although changes in living coral cover in sanctuaries monitored by CRMP have been influenced by these global climatic events affecting ocean temperature in 1997-1998, the living coral cover has substantially improved since 2000. This improvement has resulted from vigilant management in the areas inside and adjacent to the marine sanctuaries in the context of normal ocean temperatures since 1998. This increase in living coral cover and fish abundance attests to the natural ability of coral reefs to repair themselves when negative localized human impacts are minimized.

5.2.2 Intermediate Results Indicators

Annual LGU Budget Allocated for CRM: The number of LGUs allocating an annual budget for CRM continued to increase during 2001. In 1995, only 10 out of the 29 LGUs in the CRMP learning areas reported that they allocated an annual CRM budget. At present, all 29 learning area and 71 expansion area LGUs report allocating a CRM budget. From reported baseline budgets, average annual CRM budgets have increased some 590 percent for municipalities (to an average CRM budget of P230,241).

Resource Management Organizations Formed and Active: The project assisted in organizing or strengthening Municipal Fisheries and Aquatic Resource Management Councils (MFARMC) in all 29 learning area municipalities as well as in 69 expansion area LGUs. To be considered “active,” each MFARMC must formally meet at least 6 times a years. CRMP has also assisted in organizing and strengthening barangay-level FARMCS (BFARMC), bantay dagat (local coastal law enforcement groups), and other local CRM focused management groups at the barangay level.

Best CRM Practices are Being Implemented: A total of 109 LGUs were implementing two or more CRM best practices by the end of 2001. All the CRM best practices being implemented in each LGU are shown in Table 1 of Appendix A. The increase in the number of well-crafted CRM plans with real budget support has increased substantially. Such plans include a variety of interventions that almost always include one or more marine sanctuaries, coastal law enforcement, and municipal water boundary delineation.

Eighty-three newly established or improved marine protected areas since 1996 now exist within CRMP-assisted LGUs. These MPAs cover more than 1,600 ha of coral reef and seagrass habitat (not including the 6.5 ha Port Barton Marine Park that is not all sanctuary and the 33,000 ha Tubbataha National Marine Park covering 10,000 ha of coral reef that was assisted with management planning and implementation in 1996-1999). The project assisted to strengthen the management of these protected areas, involving the development of supporting ordinances and management plans.

Widespread Utilization of Legal, Jurisdictional, Operational Guides, and Training Modules: As shown in Appendix A, CRMP guides and training modules are actively being utilized by 157 organizations, including 11 national government agencies, 105 local government units, 7 donor agencies and donor-assisted projects, 22 NGOs, and 11 academic institutions.

Public Awareness of CRM Issues: Extensive qualitative surveys for this indicator were conducted in 1999 and quantitative surveys were completed in 2000. The percent of survey respondents (n = 700) demonstrating knowledge of CRM problems and solutions was 70 percent compared to a target of 10 percent. Key activities completed during 2001 to support and measure public awareness of CRM issues include:

- Continued distribution of all available CRMP-produced IEC materials on CRM in written, poster, and video form so that over 12,000 requests for such materials were filled in 2001
- Provision of information on CRM processes and issues by CRMP through interviews to numerous media partners and outlets that have focused on overfishing, illegal fishing, the need for municipal water delineation, the need for more effective MPAs among others
- Formation and deployment of a national coalition building effort to promote awareness about the issue of municipal boundary delineation to curb illegal commercial fishing within municipal waters all over the country

- Completion of a questionnaire by over 400 mayors during the LMP convention in November 2001 that provided new input to the level of awareness of local government leaders about the need for CRM and about their knowledge on the marine environment (Results showed a high level of awareness about the need to manage and protect the marine environment but a low awareness about basic ecological information such as whether a coral is an animal, plant, or rock.)

Harmonization of national policy for CRM: The project continued to contribute towards this indicator through the number of adoptions of CRM guidance materials and training modules by key government agencies. During 2001, the cumulative number of adoptions by CRM policies, guidance, and training modules was 36 exceeding the target of 33. The Philippine Coastal Management Guidebook Series (8 books) was adopted by DENR, DA-BFAR, and DILG in 2000 and formally launched in November 2001 at the LMP national convention in Manila. In 2001, the draft National Coastal Management Policy was formally turned over and accepted by DENR for national level consultations in 2002.

Other key accomplishments during the year 2001 that contribute to this intermediate result include:

- Adoption of DAO 17 on the delineation of municipal water boundaries by DENR in June 2001 to standardize and expedite the completion of municipal water delineation in 832 coastal municipalities nationwide.
- DENR in response to the need to increase its level of overall support for CRM nationwide came close to finalizing the approval of the “Coastal and Marine Management Office” within DENR to institutionalize the functions of CEP and CRMP in a major program that builds on CRMP approaches and results framework.

5.3 IMPACT OF ACTIVITIES ON PARTICIPATING ORGANIZATIONS AND AGENCIES

The affects of CRMP’s activities are both national and local in scope. At the national level, CRMP’s policy initiatives through the development of Philippine Coastal Management Guidebook Series has created a tremendous interest in improved coastal resource management through a system whereby the national government operates in a supporting role to local governments. The review and development of these guidebooks involved so many national and local government and non-government personnel that it had a large educational and awareness raising influence for improved approaches to CRM. In the same manner, the development of the newly drafted National Coastal Management Policy builds on the themes of the guidebook series and will reinforce the essential messages in national policy once public consultations are conducted in 2002.

DENR has begun to recognize the need to realign their efforts within the CEP and in the future within its newly proposed Coastal and Marine Management Office to support CRM as a basic service of local government through functions in regional and provincial offices that build on the CRM Monitoring and Evaluation results framework utilized and promoted by CRMP.

CRMP's influence on local government has increased dramatically during 2001 as the CRM programs initially established within the core learning areas have spread to more than 80 municipalities and cities outside of the original learning areas. These expansion areas LGUs are also showing that CRM programs can increasingly be started and maintained with only very strategic outside technical support with most resources being generated within the LGU. In addition, the CRM approaches, policies, training modules, and other guidance that have been adopted by almost all national coastal management projects such as FRMP, SMICAMP, CBRMP, and others are all having an influence on the approaches and procedures used. Finally, the MCD has data from over 500 coastal municipalities showing the widening spread of interest and demands for improved CRM.

5.4 KEY ISSUES AND IMPLEMENTATION PROBLEMS

A key issue faced by CRMP in 2001 was to maximize project effectiveness and continuity as the project nears its official end in 2002. As the project winds down it is essential that local interventions phased out in a sensitive manner that maximizes the opportunity for sustainability. The phase-out, although systematic across all the project areas, is also tailored to local situations and needs, and has no simple answers. Also, the realization that there are still big gaps in the common understanding about the need to address some key national issues such as overfishing, shoreline development, livelihood, and others lets us all know that the job is never done and all efforts must continue.

5.5 PROPOSED REVISIONS TO WORK PLAN SCHEDULE OR COSTS

USAID has proposed an extension of CRMP through September 2004. A new work plan will be developed for the period of July 1, 2002 through September 30, 2004. It is anticipated that most CRMP activities planned for January 1 through June 30, 2002 will be conducted and phased out as planned and that distinct set of extension activities will be identified while maintaining certain essential functions of CRMP important for long term sustainability of the project.

6.0 SUSTAINABILITY

Sustainability of the project's interventions is being achieved by a variety of factors including enabling coastal communities with CRM expertise and responsibility, utilizing an information base for sound CRM planning, building constituency groups to support CRM initiatives, and developing a technical support system through provinces that builds on trained leaders in CRM. CRMP has made substantial progress in these areas in 2001 as described below by selected examples.

Enabling coastal communities with CRM expertise and responsibilities: A key element in sustaining CRM initiatives beyond the life of the project is the degree to which coastal communities have been enabled to address CRM issues on their own.

The monitoring and evaluation of CRM activities in the LGUs associated with CRMP assistance in 2001 has shown that 96 municipalities and cities are now conducting CRM

programs under their own support and are recognized to have accomplished the basic CRM benchmarks required for consideration of CRM Level I Certification.

All of these 96 LGUs have at least undertaken the initial steps to institutionalize a CRM program in their area, which means that they are allocating budget, have a functional MFARMC, have a draft or adopted CRM plan, and have initiated two or more CRM best practices. An essential element in the CRM process is that all LGUs have undertaken some baseline assessment through the PCRA process that involves local communities and develops a practical database upon which barangay and municipal wide planning can be based and guided.

Developing a CRM monitoring and information management system: The continuity of CRM initiatives is being enhanced through the development of an appropriate and user-friendly information management system. CRMP has developed the first nationwide information management system to monitor and evaluate CRM at the local government level. The development of the MCD began in 1998. Since then, the MCD has been field- and beta-tested, contains records of over 500 coastal LGUs and is now functional in all CRMP learning area municipalities and provinces. The MCD is the basis of the monitoring and evaluation system implemented in 2001 for all CRMP learning areas and selected expansion area LGUs.

In 2001 CRMP worked extensively with interested provinces in preparing provincial reports on the state of the coastal environment and CRM trends based on the MCD. Provincial involvement and investment in maintaining and expanding the MCD reporting system is proving to be a major force that supports sustainability of CRM activities within their area of jurisdiction.

Building constituency groups to support CRM initiatives: Different types of constituency groups from public and private sectors are required to support and sustain CRM initiatives beyond the life of the project. CRMP is continuing to build these CRM support groups at national and local levels.

CRMP's partnership with the LMP continues to generate nationwide support for CRM initiatives. The 1st Conference of Coastal Municipalities, conducted in partnership with the LMP and national government agencies, provided a high impact venue to build support for CRM initiatives among all coastal municipalities. The launching of the "Philippine Coastal Management Guidebook Series" through the LMP convention in November 2001 proved to be another milestone in building national support for improved coastal management through local government participation. During this convention, more than 400 coastal LGUs contributed information to the MCD and confirmed their general interest and support for CRM within their area of jurisdiction.

CLEAR7 continued to function and expand in 2001. Members include DILG, DENR, DA-BFAR, PNP, PCG, LMP-Bohol, ELAC, Regional Prosecutors Office, and the NBI, plus selected LGUs in the area. Activities in 2001 focused on priority illegal activities such as blast fishing, intrusion of commercial boats in municipal waters (in Bohol), among others.

Developing a technical support system through provinces that builds on trained CRM leaders. In 2000 CRMP shifted its emphasis toward assisting coastal provinces develop provincial CRM plans and programs aimed toward assisting coastal municipalities and cities deliver CRM as a basic service. CRMP has strengthened provincial delivery of CRM as a basic service in eight provinces: Bohol, Cebu, Negros Oriental, Palawan, Davao del Sur, Sarangani, Romblon, and Masbate or 13 percent of coastal provinces nationwide. Examples of how this technical support is building CRM sustainability include:

- Bohol Province has continued to actively build its Bohol Environmental Management Office (BEMO) to maintain and use the MCD in planning, to provide support to selected LGUs in CRM planning and best practice implementation, and to address issues such as widespread illegal sand mining from beaches and islands and illegal fishing in municipal waters.
- Davao del Sur adopted the first ever provincial-wide CRM plan and actively supported the initial stages of implementation through technical support to constituent LGUs.
- Sarangani Province actively facilitated and supported the adoption of the Sarangani Bay-wide plan through the Protected Area Management Board (PAMB) of DENR and other bay partners.
- Palawan Province moved ahead with full endorsement of the CRM monitoring and evaluation system through its Provincial CRM team that is actively assisting with CRM planning in municipalities that are willing and able to provide required counterpart funding for PCRA planning and implementation of CRM best practices.

Overall, 2001 marked a year of refining approaches, methodologies, and tools developed by the project for widespread use throughout the Philippines and through local and national government and other national initiatives and programs. In addition, the need for an improved national policy framework in support of coastal management has moved closer to reality through the initial adoption of the “National Coastal Management Policy.” Finally, the critical issue of overfishing that is being exacerbated by the illegal entrance of commercial boats in municipal waters is being addressed head-on by the initial implementation of DAO 17 that enables local governments to formally delineate their municipal water boundaries.

APPENDIX A

PERFORMANCE MONITORING SYSTEM (16 Pages)

| | |
|-------------------------------|--|
| ORGANIZATION/PROGRAM: | USAID PHILIPPINES |
| STRATEGIC OBJECTIVE: | ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES |
| APPROVED: | December 31, 1998 (Revised) |
| SO INDICATOR: | Kilometers of shoreline where improved management of coastal resources is being implemented |
| UNIT OF MEASURE: | Kilometers of shoreline in core areas and expansion areas |
| SOURCE DOCUMENT: | Local government unit records, contractor's activity report, independent surveys |
| SOURCE ORGANIZATION: | Local government units; TetraTech (contractor); USAID staff |
| INDICATOR DESCRIPTION: | <p>Kilometers of shorelines from municipalities are counted when the following criteria in local implementation are reached:</p> <ol style="list-style-type: none"> 1) Annual LGU budget allocated for CRM 2) Resources management organizations are formed and active 3) Best CRM practices are being implemented <p>Data is collected annually.</p> |

| YEAR | PLANNED | ACTUAL |
|------|---------|--------|
| 1996 | 0 | 0 |
| 1997 | 0 | 0 |
| 1998 | 40 | 132 |
| 1999 | 670 | 741 |
| 2000 | 1,200 | 1,410 |
| 2001 | 2,100 | 3,056 |
| 2002 | 3,000 | |

COMMENTS:

1996 is activity start-up year; however, the result framework for the CRM activity was revised in the 4th Quarter 1998, mid-term during the project. A total of 2,100 km of shoreline (670 km from core areas plus 1,430 km from expansion areas) was targeted for completion by the end of the year 2001.

Kilometers of shoreline where improved management of coastal resources is being implemented is counted from core areas and expansion areas. Core areas (CRMP Learning Areas) are where CRM interventions are directly assisted by CRMP. Core areas contribute 670 km of shoreline to the overall strategic objective of 3,000 km of shoreline where improved management of coastal resources is being implemented by the end of the year 2002.

Local implementation in expansion areas is where CRM interventions are catalyzed through collaboration and use of CRMP products, services and limited technical assistance. Expansion areas contribute 2,330 km of shoreline to overall strategic objective of 3,000 km of shoreline where improved management of coastal resources is being implemented by the end of the year 2002.

2001 - Municipal Coastal Database Summary Table 1 provides supporting data by municipality for Strategic Objective and Intermediate Result 1 indicators.

| | |
|-------------------------------|---|
| ORGANIZATION/PROGRAM: | USAID PHILIPPINES |
| STRATEGIC OBJECTIVE: | ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES |
| APPROVED: | December 31, 1998 (Revised) |
| SO INDICATOR: | Percentage change of fish abundance and coral cover inside and adjacent to marine sanctuaries |
| UNIT OF MEASURE: | Average percent change compared to baseline |
| SOURCE DOCUMENT: | Biophysical survey data, contractor's activity report |
| SOURCE ORGANIZATION: | University of the Philippines Marine Science Institute; TetraTech (contractor) |
| INDICATOR DESCRIPTION: | <p><i>Fish abundance inside and adjacent to marine sanctuaries:</i> Average percent change (in comparison to base years) in fish abundance inside and adjacent to six marine sanctuaries, using standard survey methods. Fish abundance will be estimated three times over the life of the project.</p> <p><i>Coral cover inside and adjacent to marine sanctuaries:</i> Percent living coral cover inside and adjacent to six marine sanctuaries, using standard transect methods. Coral cover will be estimated three times over the life of the project.</p> |

| YEAR | PLANNED (Fish abundance) (Inside/Adjacent) | ACTUAL (Inside/Adjacent)) | PLANNED (Coral cover) (Inside/Adjacent) | ACTUAL (Inside/Adjacent) |
|------|--|------------------------------|---|-----------------------------|
| 1996 | | | | |
| 1997 | | | | |
| 1998 | 0/0 | 175/332 | 0/0 | 37/-28 |
| 1999 | 10/0 | 381/784 | 5/0 | 84/-19 |
| 2000 | 20/5 | 74/109 | 10/2 | 9/-3 |
| 2001 | 30/10 | 233/79 | 12/4 | 43/39 |
| 2002 | 40/15 | | 15/6 | |

COMMENTS:

Changes in fish abundance and coral cover inside and adjacent to marine sanctuaries may be influenced by a wide range of biophysical factors independent of human activities, for example, large-scale climatic-induced changes in sea surface temperature that results in coral bleaching.

1998 - El Niño oceanographic conditions marked the year and resulted in fairly widespread occurrence of coral bleaching; Observations of localized infestations of the Crown-of-Thorns seastar (coral-eating seastars).

1999 - Baseline data collection complete for 2 additional learning areas, for a total of 6 marine sanctuaries (with 2 sanctuaries being monitored within Bohol LA and no sanctuaries identified as appropriate with Malalag LA). Annual monitoring complete for all 6 sanctuaries.

2000 – Updates on the six sanctuaries show significant increases in fish abundance and recovery of coral cover from the bleaching event of 1998. Fish abundance reflects the relatively good protection within the six sanctuaries.

2001 – Recovery of living coral cover continues as well as fish abundance reflecting adequate enforcement and stable environmental conditions

| | |
|-------------------------------|---|
| ORGANIZATION/PROGRAM: | USAID PHILIPPINES |
| STRATEGIC OBJECTIVE: | ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES |
| APPROVED: | December 31, 1998 (Revised) |
| IR INDICATOR: | Annual LGU budget allocated for CRM |
| UNIT OF MEASURE: | Percentage increase compared to baseline |
| SOURCE DOCUMENT: | Local government unit records, contractor's activity report. |
| SOURCE ORGANIZATION: | Local government units, TetraTech (contractor); USAID staff |
| INDICATOR DESCRIPTION: | Indicator targets increasing and sustaining regular budget allocations for CRM by LGUs. Information will be collected on an annual basis. |

| YEAR | PLANNED | ACTUAL | |
|------|---------|------------------|----------|
| | | (Municipalities) | (Cities) |
| 1996 | 20 | 250 | 106 |
| 1997 | 40 | 232 | 104 |
| 1998 | 60 | 274 | 142 |
| 1999 | 100 | 292 | 265 |
| 2000 | 100 | 691 | NA |
| 2001 | 120 | 622 | 590 |
| 2002 | 120 | | |

COMMENTS:

Average annual LGU CRM budget for municipalities within 6 CRMP Learning Areas:

| | | |
|------|---------------------|---|
| 1995 | P 37,023 (baseline) | (8 municipalities with validated CRM budget) |
| 1996 | P 92,485 | (12 municipalities with validated CRM budget) |
| 1997 | P 85,775 | (16 municipalities with validated CRM budget) |
| 1998 | P101,395 | (16 municipalities with validated CRM budget) |
| 1999 | P107,981 | (19 municipalities with validated CRM budget) |
| 2000 | P255,682 | (22 municipalities with validated CRM budget) |
| 2001 | P230,241 | (24 municipalities with validated CRM budget) |

Average annual LGU CRM budget for cities within 6 CRMP Learning Areas:

| | | |
|------|---------------------|--------------------------------------|
| 1995 | P 928,360(baseline) | (2 cities with validated CRM budget) |
| 1996 | P 987,923 | (4 cities with validated CRM budget) |
| 1997 | P 962,059 | (4 cities with validated CRM budget) |
| 1998 | P1,320,518 | (3 cities with validated CRM budget) |
| 1999 | P2,456,400 | (2 cities with validated CRM budget) |
| 2000 | NA | |
| 2001 | P5,476,240 | (2 cities with validated CRM budget) |

Previously reported average annual LGU budgets included provincial, city, as well as municipal budgets. Under the revised results framework, only municipal budgets are being reported for consistency.

Local government unit budget allocations for CRM come from internal revenue allotments provided by the national government. Current economic conditions may alter targets. For example, 1998 LGU internal revenue allotments were reduced under the new national government.

In 2001, CRM budgets decreased about 10% reflecting a weaker economy and many priorities for among LGUs.

ORGANIZATION/PROGRAM: USAID PHILIPPINES

STRATEGIC OBJECTIVE: ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES

APPROVED: December 31, 1998 (Revised)

IR INDICATOR: Resource management organizations formed and active

UNIT OF MEASURE: Number of resource management organizations formed and active

SOURCE DOCUMENT: Contractor's activity report.

SOURCE ORGANIZATION: TetraTech (contractor); USAID staff

INDICATOR DESCRIPTION: To be counted as formed and active, organizations must meet regularly and discuss CRM-related issues. Information will be collected on an annual basis.

| YEAR | PLANNED | ACTUAL |
|------|---------|--------|
| 1996 | 0 | 0 |
| 1997 | 0 | 2 |
| 1998 | 5 | 15 |
| 1999 | 10 | 39 |
| 2000 | 29 | 83 |
| 2001 | 40 | 98 |
| 2002 | 60 | |

COMMENTS:

1999 - Resource management organizations counted are Municipal Fisheries and Aquatic Resource Management Councils (MFARMC) or equivalent municipal level organizations with representation from each barangay (the smallest unit of government). Such organizations are considered "active" if they meet at least 6 times per year. Supporting municipal level resource management organizations are Barangay FARMCs (BFARMC). A total of 176 BFARMCs have been formed out of a total of 253 coastal barangays in the 6 CRMP learning areas.

2000 – Active MFARMCs were augmented through expansion cities and municipalities.

2001 – More MFARMCs became active through various CRMP training, planning and monitoring activities in expansion areas

| | |
|-------------------------------|--|
| ORGANIZATION/PROGRAM: | USAID PHILIPPINES |
| STRATEGIC OBJECTIVE: | ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES |
| APPROVED: | December 31, 1998 (Revised) |
| IR INDICATOR: | Best CRM practices are being implemented |
| UNIT OF MEASURE: | No. of local government units where more than one CRM best practice is being implemented |
| SOURCE DOCUMENT: | Local government units records, contractor's activity report. |
| SOURCE ORGANIZATION: | Local government units; TetraTech (contractor); USAID staff |
| INDICATOR DESCRIPTION: | CRM best practices: CRM plans adopted, fisheries and coastal management ordinances implemented, environment-friendly enterprises established, enforcement units operational, marine sanctuaries functional, mangroves under CBFMAs, municipal water boundaries enforced. Other habitat protective measures and open access restrictions in place. Information will be collected on an annual basis. |

| YEAR | PLANNED | ACTUAL |
|------|---------|--------|
| 1996 | 0 | 0 |
| 1997 | 0 | 0 |
| 1998 | 2 | 23 |
| 1999 | 10 | 32 |
| 2000 | 29 | 76 |
| 2001 | 40 | 109 |
| 2002 | 60 | |

COMMENTS:

2000 - Local government units implementing best practices are from all 6 learning areas as well as 3 expansion areas Masbate Province; (Mabini, Batangas; Palompon, Leyte; Cagayancillo, Palawan) as listed in Municipal Coastal Database Summary Table 1. Best practices being implemented include: CRM plans drafted/adopted fisheries and coastal management ordinances implemented, marine sanctuaries functional, enforcement units operational, mangroves under CBFMAs, environment-friendly enterprise established and municipal water boundaries enforced.

2001 – The number of LGUs where two or more CRM best practice are being implemented has increased dramatically with CRMP expansion activities due to increasing for CRM within the Provincial Learning Areas and elsewhere.

ORGANIZATION/PROGRAM: USAID PHILIPPINES

STRATEGIC OBJECTIVE: ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES

APPROVED: December 31, 1998 (Revised)

IR INDICATOR: Widespread utilization of legal, jurisdictional, operational guides, and training modules

UNIT OF MEASURE: Number of government and assisting organizations utilizing legal, jurisdictional, operational guides and training modules for CRM developed by CRMP

SOURCE DOCUMENT: Contractor's activity report.

SOURCE ORGANIZATION: Tetra Tech (contractor); USAID staff

INDICATOR DESCRIPTION: Assisting organizations include academic and NGOs. Information will be collected on an annual basis.

| YEAR | PLANNED | ACTUAL |
|------|---------|--------|
| 1996 | 0 | 0 |
| 1997 | 0 | 25 |
| 1998 | 5 | 58 |
| 1999 | 100 | 97 |
| 2000 | 125 | 143 |
| 2001 | 150 | 156 |
| 2002 | 200 | |

COMMENTS:

2001 - The universe of government and assisting organizations utilizing CRM guidance include: national, regional, and provincial offices of national government agencies; Supreme Court and regional and local courts; local government unit offices (provinces and municipalities); state colleges and universities; private colleges and universities; and non-government organizations. A summary listing of 156 agency organizations and projects are provided on the following page. Several of the listed donor-assisted projects are national in scope and inturn encompass numerous additional local government units, as well as involved agencies and organizations.

Summary Documentation

IR Indicator: Widespread utilization of legal, jurisdictional, operational guides, and training modules

National Government Agencies (11)

BFAR-Regional Fishermen's Training Centers (RFTCs)
Bureau of Fisheries and Aquatic Resources (BFAR)
Department of Environment and Natural Resources (DENR)
Department of Justice (DOJ)
Department of Tourism (DOT)
Local Government Support Program (LGSP)
National Bureau of Investigation (NBI)
Palawan Council for Sustainable Development Staff (PCSDS)
Philippine Coast Guard
Philippine Information Agency (PIA)
Philippine National Police (PNP)

Local Government Units (105)

29 Learning Area LGUs

67 Expansion Area LGUs (See MCD Summary Table 1)

8 Provinces (Bohol, Cebu, Davao del Sur, Masbate, Negros Oriental, Palawan, Romblon, Sarangani)

League of Municipalities of the Philippines (LMP)

Donor Agencies and Donor-Assisted Projects (8)

Community-Based Resource Management Project (CBRMP) – World Bank
Eco-Governance Project - USAID
Fisheries Resource Management Project (FRMP) - ADB
Governance and Local Democracy (GOLD) Project – USAID
Industrial Initiative for Sustainable Environment (IISE) Project – USAID
Southeast Asian Fisheries Development Center (SEAFDEC)
US Peace Corps
Volunteer Service Overseas (VSO) – United Kingdom

Non-Government Organizations (22)

ABS-CBN Foundation
Bandillo ng Palawan
Conservation International (CI)
Environmental Legal Assistance Council (ELAC)
Feed the Children
Foundation for a Sustainable Society, Inc. (FSSI)
Foundation of the Philippine Environment (FPE)
Girl Scouts of the Philippines
Haribon Foundation
Institute of Small Farms and Industries (ISFI)
International Marinelife Alliance (IMA)
Palawan Conservation Corps
Palawan NGO Network, Inc. (PNNI)
Participatory Research, Organization of Communities and Education towards the Struggle for Self Reliance (PROCESS), Bohol
Phildhrra
Philippine Business for Social Progress (PBSP)
SAGUDA
St. Catherine's NGO
Sulu Fund for Marine Conservation Foundation
Tanggol Kalikasan
Ting Matiao Foundation, Inc. (TMF)
World Wildlife Fund-Philippines (WWF-Philippines; Kabang Kalikasan ng Pilipinas, KKP)

Academic Institutions (11)

Camiguin Polytechnic State College
Cebu State College of Science and Technology - School of Fisheries
Divine Word College, Tagbilaran, Bohol
Iloilo State College of Fisheries
Mindanao State University (MSU), General Santos City
Silliman University, Center of Excellence – Coastal Resource Management (COE-CRM)
Siquijor State College
Southwestern University, Cebu
University of San Carlos – Marine Biology Section (USC-CRM)
University of the Philippines - Marine Science Institute (UP-MSI)
University of the Philippines in the Visayas (UPV)

| | |
|-------------------------------|--|
| ORGANIZATION/PROGRAM: | USAID PHILIPPINES |
| STRATEGIC OBJECTIVE: | ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES |
| APPROVED: | December 31, 1998 (Revised) |
| IR INDICATOR: | Public awareness of CRM issues |
| UNIT OF MEASURE: | Percent of survey respondents demonstrating knowledge of CRM problems and solutions |
| SOURCE DOCUMENT: | Random survey by target groups |
| SOURCE ORGANIZATION: | Independent survey; Tetra Tech (contractor); USAID staff |
| INDICATOR DESCRIPTION: | Random sampling will be conducted in all target municipalities, Cebu, and Manila. Target groups include: policy makers, local government officials, and fisherfolk. Respondents will only be counted when they demonstrate knowledge of: (1) current conditions/problems affecting coastal resources; and (2) solutions to coastal problems. Information will be collected twice over the life of the project |

| YEAR | PLANNED | ACTUAL |
|------|---------|-----------------|
| 1996 | | |
| 1997 | | |
| 1998 | 0 | |
| 1999 | | |
| 2000 | 10 | Approximate 60% |
| 2001 | | |
| 2002 | 30 | |

COMMENTS:

1999 - Qualitative surveys for this new indicator were conducted in 1999 and quantitative surveys will be completed in early 2000. Results of these surveys will be presented in the year 2000 semi-annual report.

2000 – Approximately 60% of fisherfolk respondents demonstrate high level of awareness and knowledge regarding current conditions, problems and solutions affecting coastal resources. As a result of CRMP activities and interventions over the last 4 years to an estimated pre-project low awareness levels (< 10%) based on surveys conducted by SWS in 1995 and GreenCom Philippines 1996 (see Appendix D).

2001 – No new information available by survey techniques. Nevertheless, informal surveys in CRMP core and expansion areas indicate continuing and higher awareness of CRM. Since the target of 30% was surpassed in 2000, it was decided to not repeat the public awareness before the end of project in 2002.

ORGANIZATION/PROGRAM: USAID PHILIPPINES

STRATEGIC OBJECTIVE: ENHANCED MANAGEMENT OF RENEWABLE NATURAL RESOURCES

APPROVED: December 31, 1998 (Revised)

IR INDICATOR: Harmonization of national policy for CRM

UNIT OF MEASURE: No. of adoptions of CRM guidances and training modules by key national government agencies

SOURCE DOCUMENT: Contractor's activity report

SOURCE ORGANIZATION: TetraTech (contractor); USAID staff

INDICATOR DESCRIPTION: CRM guidance and training: (a) legal and jurisdictional guidance; (b) integrated coastal management policies and procedures; (c) ICM, PCRA, mangrove management Information will be collected annually.

| YEAR | PLANNED | ACTUAL |
|------|---------|--------|
| 1996 | 0 | 0 |
| 1997 | | |
| 1998 | 3 | 3 |
| 1999 | 20 | 6 |
| 2000 | 30 | 33 |
| 2001 | 33 | 36 |
| 2002 | 36 | |

COMMENTS:

1998 - Legal and jurisdictional guidebook was completed and adopted in 1997 by three national government agencies (Department of Environment and Natural Resources, DENR; Bureau of Fisheries and Aquatic Resources, BFAR; and Department of Interior and Local Government, DILG).

1999 - 11 guidebooks are in the final stages of being completed for publication and adoption by DENR, BFAR, and DILG. During 1999, PCRA guidebooks and methodology were adopted by DENR and BFAR. In addition, a mangrove management toolkit guidebook was completed and adopted by DENR for 1999. CRM for Food Security document adopted by BFAR and DA as policy guidance on fishery issues.

2000 - Joint Memorandum Order RP 8550 adopted by BFAR and DENR. 8 Coastal Management Guidebooks adopted by DENR, BFAR, and DILG and Mangrove Management Handbook adopted by BFAR through FRMP in addition to DENR's adoption in 1999.

2001 – National CRM policy adopted by DENR. DAO 17 approved by DENR. Draft DAO for Coastal and Marine Management Office in DENR.



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)

Status of CRMP Completed LGUs, Level I * (as of December 2001)

| Province / Municipality (No. of Coastal Barangays) | Shoreline Length (km) | Local CRM Implementation | | | | Km Shoreline Completed as of April 2001 | KM shoreline completed by December 2001 | | Total | |
|---|---------------------------------|--------------------------|---------------|-------|----|---|--|--------|-------|-----|
| | | 1 | Indicators ** | | 3 | | Projected | Actual | | |
| | | | Mun. | Brgy. | | | | | | |
| Bohol | | | | | | | | | | |
| Learning Area | | | | | | | | | | |
| Buenavista | 11 | 8 | ✓ | ✓ | 1 | a, b, c, d, f, g | 8 | | | 8 |
| Calape | 17 | 15 | ✓ | ✓ | 2 | a, b, c, d, e, g | 15 | | | 15 |
| Clarín | 7 | 7 | ✓ | ✓ | 1 | a, b, c, d, g | 7 | | | 7 |
| Inabanga | 20 | 14 | ✓ | ✓ | 1 | a, b, c, d, e, g | 14 | | | 14 |
| Tubigon | 18 | 13 | ✓ | ✓ | 2 | a, b, c, d, e, f, g | 13 | | | 13 |
| Subtotal | 73 | 57 | 5 | 5 | 7 | | 57 | | | 57 |
| Expansion Area | | | | | | | | | | |
| Alburquerque | 6 | 5 | ✓ | ✓ | 1 | a, b, c, d | | 5 | 5 | 5 |
| Anda | 8 | 19 | ✓ | ✓ | 2 | a, b, c, d | | 19 | 19 | 19 |
| Candijay | 8 | 10 | ✓ | ✓ | 2 | a, b, c, e, f | | 10 | 10 | 10 |
| Dimiao | 8 | 6 | ✓ | ✓ | 1 | b, c, d | | 6 | | |
| Getafe | 19 | 17 | ✓ | ✓ | 2 | a, b, c, d, e, f | | 17 | 17 | 17 |
| Guindulman | 7 | 16 | ✓ | ✓ | | a, b, c, d | | 16 | 16 | 16 |
| Loay | 13 | 11 | ✓ | ✓ | 1 | a, b, c, d | | 11 | 11 | 11 |
| Loon | 32 | 24 | ✓ | ✓ | 6 | a, b, c, d, g | 24 | | | 24 |
| Mabini | 11 | 29 | ✓ | ✓ | 3 | a, b, c, e, f | | 29 | 29 | 29 |
| Maribojoc | 9 | 10 | ✓ | ✓ | 2 | a, b, c, e, f, h | 10 | | | 10 |
| Panglao | 10 | 25 | ✓ | ✓ | 1 | d | | | | |
| Subtotal | 131 | 172 | 11 | 11 | 21 | | 34 | 113 | 107 | 141 |
| Total | 204 | 229 | 16 | 16 | 28 | | 91 | 113 | 107 | 198 |
| Cebu | | | | | | | | | | |
| Learning Area | | | | | | | | | | |
| Cordova | 1 | 13 | ✓ | ✓ | 4 | a, b, c, d, e, f, h | 13 | | | 13 |
| Lapu-Lapu City | 10 | 48 | ✓ | ✓ | 16 | a, b, c, d, e, f | 48 | | | 48 |
| Subtotal | 11 | 61 | 2 | 2 | 20 | | 61 | | | 61 |
| Expansion Area | | | | | | | | | | |
| * Southwest Cluster | | | | | | | | | | |
| Alcantara | 3 | 5 | ✓ | ✓ | 3 | (a), b, c, d, e, f | 5 | | | 5 |
| Alegria | 4 | 13 | ✓ | ✓ | 3 | (a), b, c, d, e, f | 13 | | | 13 |
| Badian | 12 | 23 | ✓ | ✓ | 10 | (a), b, c, d, e, f | 23 | | | 23 |
| Barili | 8 | 17 | ✓ | ✓ | 5 | (a), b, c, d, e, f | | 17 | 17 | 17 |
| Dumanjug | 8 | 16 | ✓ | ✓ | 7 | (a), b, c, d, e, f | 16 | | | 16 |
| Ginatilan | 5 | 8 | ✓ | ✓ | 1 | (a), b, c, e | | 8 | 8 | 8 |
| Malabuyoc | 6 | 13 | ✓ | ✓ | 5 | (a), b, c, d, e, f | | 13 | 13 | 13 |
| Moalboal | 8 | 27 | ✓ | ✓ | 7 | a, b, c, d, e, f | 27 | | | 27 |
| Ronda | 5 | 7 | ✓ | ✓ | 4 | (a), b, c, d, e, f | | 7 | 7 | 7 |
| * Southeast Cluster | | | | | | | | | | |
| Alcoy | 6 | 8 | ✓ | ✓ | 4 | b, c, d, f | | 8 | 8 | 8 |
| Argao | | 25 | ✓ | ✓ | 5 | a, b, c, d, e, f, h | | | | |
| Boljoon | 7 | 10 | ✓ | ✓ | 3 | a,c,f | | 10 | 10 | 10 |
| Dalaguete | 10 | 15 | ✓ | ✓ | 10 | (a), b, c, d, e, f, h | | 15 | 15 | 15 |
| Oslob | 16 | 23 | ✓ | ✓ | 3 | a, b, c, d, e, f | | 23 | 23 | 23 |
| Sibonga | 7 | 13 | ✓ | ✓ | 7 | (a), b, c, e, f | | 13 | 13 | 13 |
| * Northern Cebu | | | | | | | | | | |
| Bogo | 11 | 23 | ✓ | ✓ | | (a), b, c, d, e, f | | 23 | 23 | 23 |
| Subtotal | 116 | 247 | 16 | 16 | 77 | | 84 | 138 | 138 | 222 |
| Total | 127 | 308 | 18 | 18 | 97 | | 145 | 138 | 138 | 283 |
| Davao del Sur | | | | | | | | | | |
| Learning Area | | | | | | | | | | |
| Hagonoy | 5 | 8 | ✓ | ✓ | 5 | a, b, c, d, e, g | 8 | | | 8 |
| Malalag | 3 | 8 | ✓ | ✓ | 6 | a, b, c, d, g, h, e | 8 | | | 8 |
| Padada | 4 | 6 | ✓ | ✓ | 12 | a, b, c, d, e | 6 | | | 6 |
| Santa Maria | 8 | 48 | ✓ | ✓ | 9 | a, b, c, d, e, g | 48 | | | 48 |
| Sulop | 1 | 5 | ✓ | ✓ | 9 | a, b, d, e, g | 5 | | | 5 |
| Subtotal | 21 | 75 | 5 | 5 | 41 | | 75 | | | 75 |
| Expansion Area | | | | | | | | | | |
| Digos | 4 | 11 | ✓ | ✓ | 4 | a, b, c, g, e | 11 | | 11 | 11 |
| Don Marcelino | 10 | 35 | ✓ | ✓ | 10 | (a), b, c | 35 | | | 35 |
| Jose Abad Santos | 23 | 71 | | | | | | | | |
| Malita | 10 | 32 | ✓ | ✓ | 10 | (a), b, c, d, e | | 32 | 32 | 32 |
| Santa Cruz | 11 | 34 | ✓ | ✓ | 11 | (a), b, c, d, e, g | | 34 | 34 | 34 |
| Sarangani | 11 | 60 | ✓ | ✓ | 11 | (a), b, c, e | | | 60 | 60 |
| Subtotal | 69 | 243 | 5 | 5 | 46 | | 46 | 66 | 137 | 172 |
| Total | 90 | 318 | 10 | 10 | 87 | 0 | 121 | 66 | 137 | 247 |



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)

Status of CRMP Completed LGUs, Level I * (as of December 2001)

| Province / Municipality (No. of Coastal Barangays) | Shoreline Length (km) | Local CRM Implementation | | | | Km Shoreline Completed as of April 2001 | KM shoreline completed by December 2001 | | Total |
|---|---------------------------------|--------------------------|---------------|-------|----|---|--|--------|-------|
| | | 1 | Indicators ** | | 3 | | Projected | Actual | |
| | | | Mun. | Brgy. | | | | | |
| Negros Oriental | | | | | | | | | |
| Learning Area | | | | | | | | | |
| Amlan | 5 | 7 | ✓ | ✓ | 5 | a, b, c, d, e, f, g, h | 7 | | 7 |
| Bacong | 6 | 7 | ✓ | ✓ | 6 | a, b, c, d, e, f, g, h | 7 | | 7 |
| Bais City | 13 | 30 | ✓ | ✓ | 13 | a, b, c, d, e, f, (g) | 30 | | 30 |
| Dauin | 9 | 10 | ✓ | ✓ | 9 | a, b, c, d, e, f, g | 10 | | 10 |
| Dumaguete City | 9 | 7 | ✓ | ✓ | 9 | a, b, d, (g) | 7 | | 7 |
| Manjuyod | 10 | 16 | ✓ | ✓ | 10 | a, b, c, d, e, f, g, h | 16 | | 16 |
| San Jose | 6 | 6 | ✓ | ✓ | 6 | a, b, c, d, e, f, g, h | 6 | | 6 |
| Sibulan | 6 | 9 | ✓ | ✓ | 6 | a, b, c, d, g | 9 | | 9 |
| Tanjay | 9 | 19 | ✓ | ✓ | 9 | a, b, c, d, e, g | 19 | | 19 |
| Subtotal | 73 | 111 | 9 | 9 | 73 | | 111 | | 111 |
| Expansion Area | | | | | | | | | |
| Ayungon | 8 | 18 | ✓ | ✓ | | a, b, c, d, e | 18 | | 18 |
| Basay | 5 | 12 | ✓ | ✓ | | (a), c, d, e | | 12 | 12 |
| Bayawan | 7 | 14 | ✓ | ✓ | | a, b, c, d, e, g | 14 | | 14 |
| Bindoy | 6 | 13 | ✓ | ✓ | | a, b, c, d, e | 13 | | 13 |
| Guihulngan | 10 | 27 | ✓ | ✓ | 10 | a, b, c, d, e | 27 | | 27 |
| Jimalalud | 6 | 9 | | ✓ | | a, d | | | |
| La Libertad | 6 | 26 | ✓ | ✓ | 1 | a, b, c, d, e, g, h | 26 | | 26 |
| Santa Catalina | 8 | 35 | ✓ | ✓ | | (a), b, c, d, e | 35 | | 35 |
| Siaton | 14 | 51 | ✓ | ✓ | 14 | (a), b, c, d, e, f, g | 51 | | 51 |
| Tayasan | 7 | 8 | | ✓ | | a, b, d, e | | 8 | 8 |
| Vallehermoso | 7 | 13 | ✓ | ✓ | | (a), b, c, d, e | 13 | | 13 |
| Zamboanguita | 4 | 11 | ✓ | ✓ | | a, d | | | |
| Subtotal | 88 | 237 | 10 | 12 | 25 | | 197 | 20 | 20 |
| Total | 161 | 348 | 19 | 21 | 98 | | 308 | 20 | 20 |
| Palawan | | | | | | | | | |
| Learning Area | | | | | | | | | |
| San Vicente | 10 | 120 | ✓ | ✓ | 6 | a, b, c, d, e, f, g, h | 120 | 120 | 120 |
| Subtotal | 10 | 120 | 1 | 1 | 6 | | 120 | 120 | 120 |
| Expansion Area | | | | | | | | | |
| Aborlan | 9 | 70 | ✓ | ✓ | | (a), b, c, e, f, h | | 70 | 70 |
| Agutaya | 10 | 50 | ✓ | | | b, c, d, f | | 50 | |
| Bataraza | 19 | 95 | ✓ | ✓ | | a, b, c, d, f | | 95 | 95 |
| Brooke's Point | 14 | 60 | ✓ | ✓ | | a, b, c, d, g, h | 60 | | 60 |
| Cagayancillo | 12 | 90 | ✓ | ✓ | | a, b, c, d, f, g, h | 90 | | 90 |
| Coron | 22 | | | | | b, c, f | | | |
| Cuyo | 12 | 45 | ✓ | | | b, c, d, f | | | |
| El Nido | | 361 | | | | c, f | | | |
| Magsaysay | 10 | 33 | ✓ | ✓ | | a, b, c | | 33 | 33 |
| Narra | 13 | 70 | ✓ | ✓ | | (a), b, d | 70 | | 70 |
| Puerto Princesa | 45 | 180 | ✓ | ✓ | | a, b, c, d, f | 180 | | 180 |
| Quezon | 11 | | | | | (a), b, c, f, h | | 135 | 135 |
| Rizal | 11 | 110 | ✓ | ✓ | | a, b | | | |
| Roxas | 17 | | | | | b, c, d, f, g | | | |
| Taytay | 28 | | | | | b, c, f, g | | | |
| Subtotal | 233 | 1,164 | 10 | 8 | 0 | | 400 | 383 | 333 |
| Total | 243 | 1,284 | 11 | 9 | 6 | 0 | 520 | 383 | 453 |
| Sarangani | | | | | | | | | |
| Learning Area | | | | | | | | | |
| Alabel | 3 | 11 | ✓ | ✓ | 3 | a, b, c, d, e, f | 11 | | 11 |
| General Santos City | 9 | 30 | ✓ | ✓ | 9 | a, b, c, d | 30 | | 30 |
| Glan | 16 | 66 | ✓ | ✓ | 16 | a, b, c, d, f | 66 | | 66 |
| Kiamba | 13 | 37 | ✓ | ✓ | 13 | a, b, c, d | 37 | | 37 |
| Maasim | 12 | 45 | ✓ | ✓ | 12 | a, b, c, d, f | 45 | | 45 |
| Maitum | 7 | 24 | ✓ | ✓ | 7 | a, b, c, d | 24 | | 24 |
| Malapatan | 6 | 18 | ✓ | ✓ | 6 | a, b, c, d, f | 18 | | 18 |
| Subtotal | 66 | 231 | 7 | 7 | 66 | | 231 | | 231 |



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)

Status of CRMP Completed LGUs, Level I * (as of December 2001)

| Province / Municipality (No. of Coastal Barangays) | Shoreline Length (km) | Local CRM Implementation | | | | | Km Shoreline Completed as of April 2001 | KM shoreline completed by December 2001 | | Total |
|---|---------------------------------|--------------------------|---------------|-------|-----|------------------|---|--|-----|-------|
| | | 1 | Indicators ** | | 3 | Projected | | Actual | | |
| | | | Mun. | Brgy. | | | | | | |
| Special Expansion Areas | | | | | | | | | | |
| Batangas | | | | | | | | | | |
| Mabini | 40 | 26 | ✓ | ✓ | 2 | (a), b, c, d, f | 26 | | | 26 |
| Tingloy | 8 | 30 | ✓ | ✓ | | a, b, c, d | 30 | | | 30 |
| Subtotal | 48 | 56 | 2 | 2 | 2 | | 56 | | | 56 |
| Davao del Norte | | | | | | | | | | |
| Samal Island | | 116 | ✓ | ✓ | 0 | a, b, c, e, g | | 116 | 116 | 116 |
| Subtotal | | 116 | 1 | 1 | | | | 116 | 116 | 116 |
| Leyte | | | | | | | | | | |
| Palompon | 10 | 29 | ✓ | ✓ | | a, b, c, d | 29 | | | 29 |
| Subtotal | 10 | 29 | 1 | 1 | | | 29 | | | 29 |
| Masbate | | | | | | | | | | |
| Aroroy | 22 | 101 | ✓ | ✓ | 22 | (a), b, c, d, f | | 101 | 101 | 101 |
| Baleno | 11 | 15 | | | 1 | (a), d | | | | |
| Balud | 28 | 58 | ✓ | ✓ | 4 | (a), b, c, d | | 58 | 58 | 58 |
| Batuan | 10 | 29 | ✓ | ✓ | 9 | (a), b, e, f, h | 29 | | | 29 |
| Cataingan | 7 | 36 | | | 6 | (a) | | | | |
| Cawayan | 17 | 38 | ✓ | ✓ | 10 | (a), b, c, d | 38 | | | 38 |
| Claveria | 22 | 106 | ✓ | ✓ | 1 | (a), b, c, f | 106 | | | 106 |
| Dimasalang | 20 | 10 | | | 9 | (a), b, d | | | | |
| Esperanza | 11 | 19 | ✓ | ✓ | 3 | (a),b, c | 19 | | | 19 |
| Mandaon | 18 | 53 | ✓ | | 18 | (a), b, d, f | | 53 | 53 | 53 |
| Masbate | 30 | 29 | ✓ | ✓ | 14 | a, b, c, d, f, h | 29 | | | 29 |
| Milagros | 17 | 55 | ✓ | ✓ | 12 | (a), b, c, f | 55 | | | 55 |
| Mobo | 11 | 25 | ✓ | ✓ | 6 | (a), b, c, f | 25 | | | 25 |
| Monreal | 8 | 45 | | | | (a) | | | | |
| Palanas | 5 | 15 | ✓ | ✓ | 5 | (a), b, c, d, f | 15 | | | 15 |
| Pio V. Corpus | 12 | 26 | ✓ | ✓ | 11 | (a), b, c, f | | 26 | 26 | 26 |
| Placer | 17 | 21 | ✓ | ✓ | 3 | (a), b, c, f | 21 | | | 21 |
| San Fernando | 10 | 16 | | ✓ | 3 | (a) | | | | |
| San Jacinto | 15 | 30 | ✓ | ✓ | 10 | (a), b, c, f | | 30 | 30 | 30 |
| San Pascual | 19 | 85 | ✓ | ✓ | | (a), b, c, f | | 85 | 85 | 85 |
| Uson | 12 | 25 | ✓ | ✓ | 11 | (a), b, c, f | 25 | | | 25 |
| Subtotal | 322 | 837 | 16 | 16 | 158 | | 362 | 353 | 353 | 715 |
| Romblon | | | | | | | | | | |
| Alcantara | 12 | 18 | | | | | | | | |
| Banton | 17 | 36 | | | | | | | | |
| Cajidiocan | 14 | 28 | | | | | | | | |
| Calatrava | 7 | 20 | | | | | | | | |
| Concepcion | 9 | 20 | | | | | | | | |
| Corcuera | 15 | 23 | | | | | | | | |
| Ferrol | 6 | 13 | | | | | | | | |
| Looc | 12 | 20 | | | | | | | | |
| Magdiwang | 9 | 21 | | | | | | | | |
| Odiongan | 25 | 18 | | | | | | | | |
| Romblon | 28 | 64 | | | | | | | | |
| San Agustin | 15 | 23 | | | | | | | | |
| San Andres | 13 | 18 | | | | | | | | |
| San Fernando | 12 | 44 | | | | | | | | |
| San Jose | 5 | 21 | | | | | | | | |
| Santa Fe | 11 | 54 | | | | | | | | |
| Santa Maria | 6 | 19 | | | | | | | | |
| Subtotal | 216 | 460 | - | - | - | - | - | - | - | - |
| Sultan Kudarat | | | | | | | | | | |
| Lebak | 25 | 21 | | | | | | | | |
| Kalamansig | 15 | 27 | | | | | | | | |
| Palimbang | 39 | 65 | | | | | | | | |
| Subtotal | 79 | 172 | - | - | - | - | - | - | - | - |
| Surigao del Norte | | | | | | | | | | |
| Bacuag | 9 | 14 | | | | | | | | |
| Claver | 14 | 38 | | | | | | | | |
| Gigaquit | 12 | 13 | | | | | | | | |
| Placer | 18 | 7 | | | | | | | | |
| Socorro | 13 | 143 | | | | | | | | |
| Surigao City | 53 | 181 | | | | | | | | |
| Tagana-an | 12 | 97 | | | | | | | | |
| Subtotal | 131 | 493 | - | - | - | - | - | - | - | - |



Municipal Coastal Database Summary Table 1

CRMP Learning Areas & Expansion Areas (Local CRM Implementation)

Status of CRMP Completed LGUs, Level I * (as of December 2001)

| Province / Municipality (No. of Coastal Barangays) | Shoreline Length (km) | Local CRM Implementation | | | | | Km Shoreline Completed as of April 2001 | KM shoreline completed by December 2001 | | Total |
|---|---------------------------------|--------------------------|---------------|-------|-----|-----------|---|--|---|-------|
| | | 1 | Indicators ** | | 3 | Projected | | Actual | | |
| | | | 2 | | | | | | | |
| | | | Mun. | Brgy. | | | | | | |
| Surigao del Sur | | | | | | | | | | |
| Cantilan | 16 | 19 | | | | | | | | |
| Carmen | 8 | | | | | | | | | |
| Carrascal | 11 | 70 | | | | | | | | |
| Cortes | 12 | 35 | | | | | | | | |
| Lanuza | 22 | 21 | | | | | | | | |
| Madrid | 14 | 3 | | | | | | | | |
| Subtotal | 83 | 148 | - | - | - | - | - | - | - | - |
| | | | | | | | | | | |
| Learning Area Total | 254 | 655 | 29 | 29 | 213 | | 655 | | | 655 |
| Expansion Area Total | 1,526 | 4,258 | 71 | 69 | 329 | | 1,208 | | | 2,401 |
| Project Total | 1,780 | 4,913 | 100 | 98 | 542 | | 1,863 | | | 3,056 |
| Accumulated Total | | | | | | | | | | 3,056 |

Notes :

* Under the CRMP proposed system of LGU certification in CRM, "Level I" is defined as the "Basic" level of accomplishment where CRM is accepted as a basic LGU service with planning and field interventions initiated. These documented LGU interventions include routinely allocating budget and resources for CRM, have active MFARMCs, and are implementing one or more CRM best practices

** Local CRM Implementation Indicators (CRM Level 1):

Indicator 1: Resources for CRM allocated by local government units

Indicator 2: Resource management organizations (municipal FARMCs) formed and active

Indicator 3: At least 2 CRM best practices (interventions) are being implemented by the LGU such as:

| Symbol | Description of CRM Best Practice |
|--------|---|
| a | CRM plans adopted |
| b | Fisheries and coastal management ordinances implemented |
| c | Coastal law enforcement units operational |
| d | Marine sanctuaries functional |
| e | Mangroves under Community-based Forest Management Agreements (CBFMAs) |
| f | Environmentally-friendly enterprises established |
| g | Municipal water boundaries enforced |
| h | Other habitat protective measures and open access restrictions in place |
| ✓ | Yes |
| () | Indicates that significant progress has been made in achieving CRM "best practices" (e.g. CRM plans drafted but not yet adopted or FARMC formed but not yet active) |

APPENDIX B

HISTORY OF COORDINATION AND COLLABORATION (21 Pages)

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
|---|---|
| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| National Government Agencies | |
| Cebu Ports Authority (CPA) | 3 rd Quarter 2001: Provided input to various consultative conferences. Co-drafted the MOA on impoundment of commercial vessels (M. Guidote) |
| Congress of the Philippines | 4 th Quarter 2001: Coordinated meeting among members of Congress, NGOs, DA, and DENR-NAMRIA on DAO 17 (A. Trinidad, M. Guidote, L. Pura); Attended meeting of the Committee on Agriculture and Food on DAO 17 (A. Trinidad, M. Guidote); Attended public hearing on DENR budget in Congress (L. Pura) |
| Department of Agriculture-Bureau of Fisheries and Aquatic Resources (DA-BFAR) | <p>1st Quarter 2001: Coordinated participation in the 2nd Joint Meeting with DENR (A. Trinidad; L. Pura); Sought information on best aquaculture practices (A. Trinidad; L. Pura); Sought information relevant to joint policies with DENR (L. Pura); Sought information relevant to National Policy (A. Trinidad); Facilitated endorsement of guidebooks by the Department Secretary (A. Trinidad); Consulted legal staff on enforcement questions (A. Trinidad); As key member of the Cebu CRM Partners Group in Cebu's expansion areas, regular participation in the conduct of TWG monthly meetings and Cebu CRM Partners meeting (R. Smith, R.E. Farrarons, M.F. Portigo); Financially supported the conduct of Marine Sanctuary Training for the cluster of 5 municipalities in Southwest Cebu (R. Smith, R.E. Farrarons); Provided personnel support to the conduct of PCRA in 3 municipalities in Cebu (M.F. Portigo, M. Morales, M. Gasalatan); Assisted in the presentation of PCRA and draft of CRM plans to the Municipal Councils (Sangguniang Bayan) of various expansion municipalities (R. Smith, R.E. Farrarons, M.F. Portigo); Served as resource person to monthly meeting of Cebu CRM Southeast cluster to discuss FAO Administrative Order 201 (R. Smith, R.E. Farrarons, A. Yambao); Provided lecturers to the Camotes and Bohol Coastal Law Enforcement Training; Participated in the guidebook review and all the consultative conferences on blast fishing (M. Guidote); Facilitated the participation of the Cebu Chamber of Mango Industries in the consultative conference on blast fishing (M. Guidote); Key Cebu CRM provincial partners in the conduct of PCRA training in the Municipalities of Sibonga, Dalaguete and Malabuyoc, CRM Planning and other CRM related activities in the expansion area (M.F. Portigo); Regular follow up with BFAR provincial fishery office (A. Gulayan, S.J. Green); Provincial ICM framework planning preparation (W. Ablong); Conducted meetings leading towards the formation of Regional CRM Certification TWG, provided regular updates on Malalag Bay and Sarangnai Bay CRM implementation (G. Iturralde, H. Cabangon, E. Deguit)</p> <p>2nd Quarter 2001: Coordinated participation in the National Review of Guidebook No. 6: Managing Municipal Waters (A. Trinidad, L. Pura); Coordinated participation in the 2nd Joint Meeting with DENR (A. Trinidad, L. Pura); Sought information on best aquaculture practices (A. Trinidad, L. Pura); Sought information relevant to joint policies with DENR (L. Pura); Sought information relevant to National Policy (A. Trinidad); Facilitated endorsement of first five guidebooks by the Department Secretary (A. Trinidad); Consulted legal staff on enforcement questions (A. Trinidad); As key member of the Cebu CRM Partners Group in Cebu's expansion areas, regular participation in Cebu CRM Partners meeting and CRM field level activities in Cebu expansion areas (R. Smith, R.E. Farrarons); Provide personnel in the conduct of field activities such as the PCRA in Ginatilan, Cebu (F. Portigo, M. Gasalatan, M. Morales) and the series of marine sanctuary training and follow up workshops for 2 clusters of municipalities in Cebu's southwest cluster (R. Smith, R.E. Farrarons, W. Jatulan, M. Gasalatan); Month of the Ocean Activities; FARMC Strengthening (W. Ablong)</p> <p>3rd Quarter 2001: Secured endorsement of Guidebook series from BFAR Director (A. Trinidad); Provided inputs to consultative conferences and provided trainors for the training designed for mobile police (M. Guidote); Conduct of MPA training; Drafting of Provincial Coastal Environmental Profile; Conduct of International Coastal Clean-up; Conduct of Provincial CRM Framework (W. Ablong); Much better collaboration with newly</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
|--|---|
| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | <p>appointed BFAR Provincial Fishery Coordinator Cresencio Pahamutang than previous Provincial Fishery officers. Held series of meetings and joint activities throughout the quarter. (S.J. Green, A. Gulayan); Promoted active partnership relative CRM M&E and certification in Region 11 (E. Deguit, G. Itturalde)</p> <p>4th Quarter 2001: Coordinated participation of Department Secretary in the DENR Night during the 11th LMP National Convention (A. Trinidad, L. Pura); Coordinated participation during the meeting among members of Congress, NGOs, DA, and DENR-NAMRIA on DAO 17 (A. Trinidad, M. Guidote, L. Pura); Secured endorsement of Guidebook series from BFAR Director (A. Trinidad); Coordinated participation in the National Review of Guidebook No. 6: Managing Municipal Waters (A. Trinidad, L. Pura); Coordinated participation in the 2nd Joint Meeting with DENR (A. Trinidad, L. Pura); Sought information on best aquaculture practices (A. Trinidad, L. Pura); Sought information relevant to joint policies with DENR (L. Pura); Sought information relevant to National CRM Policy (A. Trinidad); Facilitated endorsement of first five guidebooks by the Department Secretary (A. Trinidad); Consulted legal staff on enforcement questions (A. Trinidad); With Policy Advisor, briefed USEC Ordonez on DAO 17 (R. Smith, A. Trinidad); Provided personnel in the conduct of PCRA in Samboan, Barili and Santander, Cebu (M.F. Portigo, M. Gasalatan, M. Morales); Attended orientation/organizational meeting re Cebu CRM Provincial TWG and CRM Certification (R. Smith, R.E. Farrarons); BFAR provincial coordinator participated in 2nd CRM planning writeshop for Cebu expansion municipalities (R. Smith, R.E. Farrarons); Conduct of Provincial MCD and M&E Training, Drafting of Provincial CEP (W. Ablong); Collaborated with newly appointed BFAR Provincial Fishery Coordinator Cresencio Pahamutang; Held series of meetings and joint activities (S.J. Green, A. Gulayan); Provincial Government Memorandum of Agreement prepared for certification/monitoring and evaluation (S.J. Green); Provided inputs to the joint CFARMC and CAFC formation in Lapu-lapu City; Continues to be the key member of Cebu Provincial CRM Partners in Cebu expansion areas; Provided personnel in the conduct of PCRA in Municipalities of Samboan, Santander, and Barili (M.F. Portigo, R. Smith)</p> |
| Department of Education, Culture & Sports (DECS) | <p>1st Quarter 2001: Provided the venue for the Camotes LGUs training(M. Guidote)</p> <p>4th Quarter 2001: Conducted series of meetings with DECS and special memorandum from DECS prepared for Tagbilaran Science High School for institutionalization of "I Love the Ocean-Bohol" within the High School (J. Jarantilla)</p> |
| Department of Environment and Natural Resources (DENR) | <p>1st Quarter 2001: Arranged logistics pertaining to the 2nd Joint Meeting with BFAR (A. Trinidad; L. Pura); Convened preparatory meetings prior to 2nd Joint Meeting with BFAR (A. Trinidad; L. Pura); Briefed DENR Acting Secretary on matters pertaining to the 2nd Joint Meeting (C. Courtney, A. Trinidad); Prepared documentation for transmittal of proposed DAO on delineation to DA Secretary (A. Trinidad; L. Pura); Convened meeting to finalized policy on sand mining (A. Trinidad; L. Pura); Suggested amendments to Foreshore Lease Contract (A. Trinidad); Attended turnover ceremony for ICRI (A. Trinidad); Coordinated with various Bureaus on National Marine Policy (A. Trinidad); Facilitated endorsement of guidebooks by the Department Secretary (A. Trinidad); As key member of the Cebu CRM Partners Group in Cebu's expansion areas, regular participation in the conduct of TWG monthly meetings and Cebu CRM Partners meetings (R. Smith, R.E. Farrarons, M.F. Portigo); Provided personnel to the conduct of PCRA in 3 municipalities in Cebu (M.F. Portigo, M. Morales, M. Gasalatan); CENRO served as Resource Person in monthly TWG meeting in Cebu's Southwest and Southeast cluster to discuss issues regarding illegal structures in foreshore areas (R. Smith, R.E. Farrarons); Participated in the guidebook review (M. Guidote); Key Cebu CRM provincial partner in the conduct of PCRA in the expansion area, participated in the finalization of CRM Plans for Olango learning area, assisted in the conduct of the annual Reefcheck in Gilutungan Island, participated in the meeting of the mangrove cutters in Olango Island Wildlife Sanctuary and provided support</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
|--|--|
| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | <p>during the Island-wide FARMC launching (M.F. Portigo); Introduction and overview of project to newly appointed DENR PENR officer, plus monthly updates (J. Jarantilla, A. Gulayan, S.J. Green); Attend review workshop for Guidebook No. 7 (A. White); CBFMA processing and awarding, CRMF planning workshop, mangrovetum establishment in San Jose (W. Ablong); Conducted regular meetings to finalize Sarangani Bay-wide CRM Plan (H. Cabangon, E. Deguit, D. Fabunan); Assisted DENR Reg. 11 to spearhead a meeting with DA-BFAR, NEDA, and DILG initiate the formation of Regional CRM Certification TWG (G. Iturralde, E. Deguit); Partnership in providing assistance to undertake underwater stock assessment of Brgay Bato, Sta. Cruz (G. Iturralde, L. Mancao)</p> <p>2nd Quarter 2001: Arranged logistics pertaining to the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura); Assisted in the briefing of the DENR Secretary on the DAO on the Guidelines for Delineating/Delimiting Municipal Waters (A. Trinidad; C. Courtney; M. Guidote; L. Pura); Attended meeting on the National CRM Policy (A. Trinidad; L. Pura); Arranged logistics pertaining to the 2nd Joint Meeting with BFAR (A. Trinidad; L. Pura); Convened preparatory meetings prior to 2nd Joint Meeting with BFAR (A. Trinidad; L. Pura); Briefed DENR Acting Secretary on matters pertaining to the 2nd Joint Meeting (A. Trinidad); Prepared documentation for transmittal of proposed DAO on delineation to DA Secretary (A. Trinidad; L. Pura); Convened meeting to finalize policy on sand mining (A. Trinidad; L. Pura); Suggested amendments to Foreshore Lease Contract (A. Trinidad); Attended turnover ceremony for ICRI (A. Trinidad); Coordinated with various bureaus on National Marine Policy (A. Trinidad); Facilitated endorsement of first five guidebooks by the Department Secretary (A. Trinidad); Partnership with the bureau in the turtle tracking project "Ocean Ambassadors" page of the website, ONEOCEAN.ORG (A. Sia); As key member of the Cebu CRM Partners Group in Cebu's expansion areas, regular participation in Cebu CRM Partners meetings and CRM field level activities in Cebu expansion areas (R. Smith, R.E. Farrarons); Provided personnel to the conduct of PCRA in the municipality of Ginatilan, Cebu (M.F. Portigo, M. Morales, M. Gasalatan); ARED served as resource person in the LGU-DENR-Community dialogues regarding the rehabilitation of Kawasan Falls in Badian. (R. Smith, R.E. Farrarons); Month of the Ocean activities; Processing and issuance of CBFMA; Finalization of Apo Is. Brochure (W. Ablong); Provided a lecturer on the subject of general environmental laws to the coastal law enforcement training in Masbate (M. Guidote)</p> <p>3rd Quarter 2001: Coordinated on subsequent activities related to the signing of DAO 17 (A. Trinidad; M. Guidote); coordinated with DENR-NAMRIA in the formulation and distribution of the DAO 17 brochure and the accompanying FAQ to various LGUs, NGOs, and other sectors (A. Trinidad; L. Pura); assisted in the preparation of documents in response to the filing for a TRO on DAO 17 (A. Trinidad; L. Pura); assisted DENR-NAMRIA in the preparation of a tasking schedule for implementation of DAO 17 (A. Trinidad); Coordinated on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote); coordinated on the DENR endorsement for funding by the Japanese Embassy of the 2nd Coastal Municipalities Conference (A. Trinidad); Finalized the National Coastal Resource Management Policy (A. Trinidad; C. Courtney); Assisted DENR-FASPO in the preparation of a capsule proposal to the UNDP for a broader consultation on the proposed policy (A. Trinidad); Coordinated workshop on the proposed institutionalization of CEP (A. Trinidad); conducted briefing for DENR Usec for Policy and Planning to articulate issues concerning institutionalization of project activities (A. Trinidad); Assisted in the drafting of a DAO on the institutionalization of CEP (A. Trinidad; C. Courtney); Assisted in the preparation of the design of a round table discussion on the CRM projects of DENR (A. Trinidad; C. Courtney); Gathered, prepared, and distributed materials for the workshop on the institutionalization of CEP (L. Pura; A. Trinidad); Participated in the workshop on the institutionalization of CEP (C. Courtney; A. Trinidad); Coordinated with FASPO and other DENR units on the preparation for the round table discussion on DENR CRM projects (A. Trinidad; L. Pura); Participated in the round table discussion on CRM projects of DENR (C.</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
|--|---|
| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | <p>Courtney; A. Trinidad); Prepared policy study on impacts of foreshore land use on coastal resource management (A. Trinidad); Convened several meetings with staff and officials of DENR Land Management Bureau (LMB) to enhance awareness of foreshore land issues (A. Trinidad); co-organized site visit/policy dialogue with LMB participation (A. Trinidad); Presented preliminary results of policy study and recommendations at LMB Workshop on Foreshore Issues (A. Trinidad); Submitted recommendations re foreshore use for consideration in Public Lands Act amendment (A. Trinidad); Provided input to various consultative conferences (M. Guidote); Conduct of MPA training; Conduct of International Coastal Clean-up; Conduct of Provincial CRM Framework (W. Ablong); Assistance to DENR-Sarangani to convene PAMB to approve Sarangani Integrated CRM Plan (H. Cabangon, E. Deguit); Hosted study tour visit by DENR Region 5 office to CRMP (A. White, E. Deguit, A. Yambao, C. Courtney)</p> <p>4th Quarter 2001: Coordinated several meetings on the proposed CEP institutionalization (A. Trinidad; L. Pura); coordinated on the 11th LMP National Convention activities particularly DENR Night (A. Trinidad; M. Guidote; L. Pura); Coordinated CRMP participation as part of DENR Booth during the Project 10-10-10 ULAP Convention (A. Trinidad; L. Pura); coordinated with DENR on the CRMP End of Project Briefing (A. Trinidad); provided compiled documents on DAO 17 (A. Trinidad; L. Pura); coordinated meeting among members of Congress, NGOs, DA, and DENR-NAMRIA on DAO 17 (A. Trinidad; M. Guidote; L. Pura); attended public hearing on DENR budget in Congress (L. Pura); Coordinated on subsequent activities related to the signing of DAO 17 (A. Trinidad; M. Guidote); coordinated with DENR-NAMRIA in the formulation and distribution of the DAO 17 brochure and the accompanying FAQ to various LGUs, NGOs, and other sectors (A. Trinidad; L. Pura); assisted in the preparation of documents in response to the filing for a TRO on DAO 17 (A. Trinidad; L. Pura); assisted DENR-NAMRIA in the preparation of a tasking schedule for implementation of DAO 17 (A. Trinidad); Coordinated on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote); coordinated on the DENR endorsement for funding by the Japanese Embassy of the 2nd Coastal Municipalities Conference (A. Trinidad); Finalized the National Coastal Resource Management Policy (A. Trinidad; C. Courtney); Assisted DENR-FASPO in the preparation of a capsule proposal to the UNDP for a broader consultation on the proposed policy (A. Trinidad); Coordinated workshop on the proposed institutionalization of CEP (A. Trinidad); conducted briefing for DENR Usec for Policy and Planning to articulate issues concerning institutionalization of project activities (A. Trinidad); assisted in the drafting of a DAO on the institutionalization of CEP (A. Trinidad; C. Courtney); assisted in the preparation of the design of a round table discussion on the CRM projects of DENR (A. Trinidad; K., Courtney); gathered, prepared, and distributed materials for the workshop on the institutionalization of CEP (L. Pura; A. Trinidad); participated in the workshop on the institutionalization of CEP (C. Courtney; A. Trinidad); coordinated with FASPO and other DENR units on the preparation for the round table discussion on DENR CRM projects (A. Trinidad; L. Pura); participated in the round table discussion on CRM projects of DENR (C. Courtney; A. Trinidad); Prepared policy study on impacts of foreshore land use on coastal resource management (A. Trinidad); convened several meetings with staff and officials of DENR Lands Management Bureau (LMB) to enhance awareness of foreshore land issues (A. Trinidad); co-organized site visit/policy dialogue with LMB participation (A. Trinidad); presented preliminary results of policy study and recommendations at LMB Workshop on Foreshore Issues (A. Trinidad); submitted recommendations re foreshore use for consideration in Public Lands Act amendment (A. Trinidad); Arranged logistics pertaining to the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura); assisted in the briefing of the DENR Secretary on the DAO on the Guidelines for Delineating/Delimiting Municipal Waters (A. Trinidad; C. Courtney; M. Guidote; L. Pura); attended meeting on the National CRM Policy (A. Trinidad; L. Pura); Arranged logistics pertaining to the 2nd Joint Meeting with BFAR (A. Trinidad; L. Pura); convened preparatory meetings prior to 2nd Joint Meeting with BFAR (A. Trinidad; L. Pura); briefed DENR Acting</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
|--|---|
| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | <p>Secretary on matters pertaining to the 2nd Joint Meeting (A. Trinidad); prepared documentation for transmittal of proposed DAO on delineation to DA Secretary (A. Trinidad; L. Pura); convened meeting to finalized policy on sand mining (A. Trinidad; L. Pura); suggested amendments to Foreshore Lease Contract (A. Trinidad); attended turnover ceremony for ICRI (A. Trinidad); coordinated with various Bureaus on National Marine Policy (A. Trinidad); facilitated endorsement of first five guidebooks by the Department Secretary (A. Trinidad); Provided personnel in the conduct of the PCRA in Samboan, Barili and Santander, Cebu (M.F. Portigo, M. Gasalatan, M. Morales); Initiated series of meetings leading to the organization of the Cebu Provincial TWG (R. Smith; R.E. Farrarons); DENR Region 7 provided briefing to members of Cebu Provincial CRM TWG regarding CRM Certification Process (R. Smith, R.E. Farrarons); DENR CENROS attended CRM certification process orientation and subsequent Provincial TWG meetings (R. Smith, R.E. Farrarons); CENRO Cebu 2nd district participated in 2nd CRM planning writeshop (R. Smith, R.E. Farrarons); Installation of the MCD and M&E Orientation for LGUs, Conduct of Provincial MCD and M&E Training; Follow-up Annual M&E Reports (W. Ablong); Provincial Government Memorandum of Agreement prepared for certification/monitoring and evaluation (S.J. Green); Provided support and personnel in the conduct of PCRA in Municipalities of Samboan and Santander (M.F. Portigo, M. Gasalatan, R. Blanco); DENR led in MOA signing of the regional TWG for CRM certification for RED XI (G. Itturalde, E. Deguit); Conducted ICM training with DENR Region III CEP and LGU personnel (W. Jatulan, E. Deguit, A. Yambao)</p> |
| Department of Interior and Local Government (DILG) | <p>1st Quarter 2000: Coordinated participation of DILG personnel in the 2nd Joint Meeting between DENR and DA-BFAR (A. Trinidad; L. Pura); Facilitated endorsement of guidebooks by Department Secretary (A. Trinidad); Discussed IEC strategy re overfishing (A. Trinidad); Discussions regarding possible joint production of DILG television plug supporting the campaign against illegal fishing (R. Smith, A. Sia, A. Trinidad); Participated in the Coastal guidebook review (M. Guidote); Coordinated participation in the workshop for the finalization of CRM Plan in Olango (M.F. Portigo); Facilitated participation in the Orientation meeting for the formation CRM Certification Regional TWG and Provincial CRM M&E TWG, (G. Itturalde, E. Deguit)</p> <p>2nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura); Coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote); Coordinated participation of DILG personnel in the 2nd Joint Meeting between DENR and DA-BFAR (A. Trinidad; L. Pura); Facilitated endorsement of first five guidebooks by Department Secretary (A. Trinidad); Discussed IEC strategy re overfishing (A. Trinidad); Planning for activities to highlight June as Environment Month (W. Ablong).</p> <p>3rd Quarter 2001: Coordinated on the DILG endorsement for funding by the Japanese Embassy of the 2nd Coastal Municipalities Conference (A. Trinidad); Coordinated issuance of memo to coastal LGUs re DAO 17 (A. Trinidad); Provided input to various consultative conferences (M. Guidote); Conduct of Provincial CRM Framework (W. Ablong)</p> <p>4th Quarter 2001: Coordinated participation of Department Secretary in the DENR Night during the 11th LMP National Convention (A. Trinidad; L. Pura); Coordinated on the DILG endorsement for funding by the Japanese Embassy of the 2nd Coastal Municipalities Conference (A. Trinidad); coordinated issuance of memo to coastal LGUs re DAO 17 (A. Trinidad); Coordinated participation in the Executive Briefing on the DA for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura); coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote); Coordinated participation of DILG personnel in the 2nd Joint Meeting between DENR and DA-BFAR (A. Trinidad; L. Pura); facilitated endorsement of first five guidebooks by Department Secretary (A. Trinidad); discussed IEC strategy re overfishing</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | (A. Trinidad); Agreed to serve in the Cebu CRM Provincial TWG and attended orientation/organizational meeting (R. Smith; R.E. Farrarons); Concerned municipal local government officers participated in the 2 nd batch of Cebu municipalities in the 3-day CRM planning writeshop (R. Smith, R.E. Farrarons); DILG Provincial Director was guest speaker at 2 nd CRM Planning Writeshop for Cebu (R.E. Farrarons); Provincial Government Memorandum of Agreement prepared for certification/monitoring and evaluation (S.J. Green) |
| Department of Justice (DOJ) | 1 st Quarter 2001: Solicited permission and approval from the Office of the Chief Justice of the Supreme Court to reproduce his speech "Political Will Needed to Protect the Environment" (R. Smith; M. Guidote) 4 th Quarter 2001: Provided documents on DAO 17 through NAMRIA (A. Trinidad; L. Pura) |
| Department of Labor and Employment (DOLE) | 1 st Quarter 2001: Skills training on tie dye and embroidery for Natural Kwans Fishermen's Association in Bais City (W. Ablong); Proposal for Needlecraft and embroidery, turning over of documents, endorsement of terminal report (F. Leocadio, M. Navarro) |
| Department of National Defense (DND) | 2 nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (M. Guidote, L. Pura) 4 th Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (M. Guidote; L. Pura) |
| Department of Science and Technology (DOST) | 3 rd Quarter 2001: Through DOST Director Pike Sariago collaboration on product/quality standards/price development for the Palawan's Best sardines (F. Leocadio) |
| Department of Tourism (DOT) | 1 st Quarter 2001: Department of Tourism's Office of Product Research and Development and Region 7 Office, NEDA Region 7, PTA, Philippine Convention and Visitors Corporation, PhilVocS, DENR region 7 : field survey of Northwest Bohol tourism projects and development potential, sharing of projects, plans and institutional frameworks for Bohol Tourism Planning (M. Flores) |
| Department of Trade and Industry (DTI) | 3 rd Quarter 2001: Consultations and joint evaluation and validation of CRMP Enterprise Development recommendations for San Vicente enterprises, resulting in commitment of DTI Director Dang Fortunado to provide continuig technical assistance to San Vicente enterprise groups, especially the Panindigan Women's Group (F. Leocadio) |
| Fertilizer and Pesticide Authority | 1 st Quarter 2001: Provided research materials and actively participated in the consultative conference on blast fishing (M. Guidote) |
| Ministry of Foreign Affaires, Singapore | 1 st Quarter 2001: Attended training course and workshop on marine protected areas to serve as resource person and to share the CRMP experience on Olango Island (A. White) |
| National Aquatic and Fisheries Council (NAFC) | 1 st Quarter 2001: Assisted in presentation of LEAP proposal (A. Trinidad); participated in the February meeting (L. Pura) 2 nd Quarter 2001: Participated in the April meeting (L. Pura); Assisted in presentation of LEAP proposal (A. Trinidad); Participated in the February meeting (L. Pura) |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| National Anti-Poverty Commission (NAPC) | 2 nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (C. Courtney, A. Trinidad; M. Guidote; L. Pura) 4 th Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura) |
| National Economic Development Authority (NEDA) | 1 st Quarter 2001: Facilitated participation in the Orientation meeting for the formation CRM Certification Regional TWG (G. Iturralde, E. Deguit) |
| National Mapping and Resource Information Authority (NAMRIA) | 2 nd Quarter 2001: Provided nautical charts to the Masbate LGU trainees (M. Guidote) |
| Naval Forces Center (NAVFORCEN) | 2 nd Quarter 2001: Joined consultative conference on vessel impoundment and volunteered to provide berthing space for seized 3 rd Quarter 2001: Provided input to various consultative conferences. Co-drafted the MOA on impoundment of commercial vessels (M. Guidote) |
| Office of the Provincial Agriculturist (OPAg) | 1 st Quarter 2001: Continues to be the key Cebu CRM provincial partner in the expansion areas in the conduct of PCRA Trainings in the Municipalities of Sibonga, Dalaguete and Malabuyoc (M.F. Portigo); Collaboration on technical assistance to seaweed producers of San Vicente, Palawan agreement to present proposals to access enterprise development funds from NAFC (F. Leocadio) 4 th Quarter 2001: Provided inputs in the joint formation of CFARMC and CAFC in Lapu-lapu City. Continues to be the key member of Cebu provincial CRM Partners in Cebu expansion areas (M.F. Portigo, R. Blanco) |
| Office of the Regional State Prosecutor (RSP) | 1 st Quarter 2001: Facilitated the participation of the deputy provincial prosecutor as lecturer in the Camotes LGU coastal law enforcement training and participated in the guidebook review (M. Guidote) 3 rd Quarter 2001: Provided input to various consultative conferences (M. Guidote) |
| Office of the Solicitor General (OSG) | 3 rd Quarter 2001: Attended briefing on status of case filed against DAO 17 (A. Trinidad) 4 th Quarter 2001: Attended briefing on status of case filed against DAO 17 (A. Trinidad) |
| Philippine's Television Network | 2 nd Quarter 2001: Initiated discussions regarding possible support of the network regarding the campaign on the delineation of municipal waters (R. Smith) |
| Philippine Coast Guard (PCG) 2 nd District | 1 st Quarter 2001: CG-CEV provided trainers and training boat for the Camotes and Bohol training, two officers were assigned to CRMP to help package the law enforcement curriculum Cebu station officers participated in the guidebook review, actively participated in the consultative conference on blast fishing, provided transportation needs of CLEAR7 instructors whenever necessary (M. Guidote); Provided active support to the activities of Inter-agency Task Force for Environmental Protection spearheaded by the Coast Guard (H. Cabangon) 2 nd Quarter 2001: Facilitated the availability of commercial fishing vessel to be used as training boat by the participants of the coastal law enforcement training in Masbate. Facilitated also the availability of the Station Commander of Coast Guard-Sorsogon as |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | counter part trainor (M. Guidote) 3 rd Quarter 2001: Provided trainors for the Palawan training. Provided input to all consultative conferences (M. Guidote) |
| Philippine Information Agency (PIA) | 1 st Quarter 2001: Initiated discussions regarding possible joint productions of television and radio plugs on overfishing for Month of the Ocean (R. Smith); Initiated discussions regarding IEC campaign in Region 7 in observance of Month of Ocean in May (R. Smith, R.E. Farrarons); Participated in the coastal law enforcement guidebook review; Currently drafting a regional communication strategy for CLEAR7 (M. Guidote) 2 nd Quarter 2001: Initiated discussions regarding proposed television and radio plug on the delineation of municipal waters. (R. Smith) |
| Philippine National Police (PNP) | 1 st Quarter 2001: Facilitated the participation of Chiefs of Police of Camotes Station in the coastal law enforcement training; Hosted the 3 rd and last consultative conference on blast fishing (M. Guidote) 2 nd Quarter 2001: Facilitated the training needs assessment for Masbate LGUs and Law Enforcers; Provided the training venue for free and sponsored the billeting of the PNP trainees in connection with the Masbate coastal law enforcement training; Provided directives to PNP Masbate to support the coastal law enforcement training for provincial police and local police investigators; Provided 3 resource speakers/ lecturers/ facilitators to the coastal law enforcement training in Masbate; Co-sponsored the training of 50 mobile police officers from Roxas city, Iloilo city, Mandaue city, Lapu-lapu City, Tagbilaran city and Cebu city with PNP Traffic Management Group and CRMP on detection and apprehension of illegally caught fishery and forestry products as they are transported, by providing the venue and food for free; Co-sponsored the training of 50 mobile police officers from Roxas city, Iloilo city, Mandaue city, Lapu-lapu City, Tagbilaran city and Cebu city with PNP Traffic Management Group and CRMP on detection and apprehension of illegally caught fishery and forestry products as they are transported, by providing counterpart fund for food (M. Guidote) 3 rd Quarter 2001: Issued the Letter of Instruction for the PNP to establish Environment Desk as per CLEAR7 suggestion (M. Guidote) |
| Philippine National Police Maritime Group (PNP-MariG) | 1 st Quarter 2001: Awarded CRMP as one of its outstanding partners largely due to the CLEAR7 initiative; Provided trainors to Camotes and Bohol training; Participated in the guidebook review and in the consultative conference on blast fishing (M. Guidote) 2 nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (M. Guidote; L. Pura) 3 rd Quarter 2001: Provided a training venue and lunch for the mobile police participants in environmental law (M. Guidote) 4 th Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (M. Guidote; L. Pura) |
| Philippine National Police Traffic Group | 3 rd Quarter 2001: Requested CRMP training and instructed all key regional officers to attend the training for mobile police officers (M. Guidote) |
| Protected Area Management Boards (PAMB) | 1 st Quarter 2001: Coordinated participation in the meeting with mangrove cutters and CSC-holders in Olango Island Wildlife Sanctuary (M.F. Portigo); Development of brochures for Apo Island (W. Ablong) |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | <p>2nd Quarter 2001: Presented Sarangani Bay Management Plan to Execom (H. Cabangon, E. Deguit)</p> <p>3rd Quarter 2001: Served as resource person for the Sarangani Integrated Management Plan. Assisted PENRO to convene PAMB to approve the Sarangani plan (H. Cabangon, E. Deguit, A. White)</p> <p>4th Quarter 2001: Attended deliberation meeting on the proposal submitted by the researcher from Alaska about the Avian Flu Viruses carried by migratory waterfowls in Olango Island Wildlife Sanctuary (M.F. Portigo)</p> |
| Regional Fisheries Training Center (RFTC) | 1 st Quarter 2001: Regular collaboration in the conduct of CRM planning workshops, ICM training activities within Reg. 11 and in Brgy. Bato, Sta. Cruz (G. Iturralde) |
| Senate of the Philippines | <p>2nd Quarter 2001: Acquired documents pertaining to the Fisheries Code of 1998 (L. Pura)</p> <p>4th Quarter 2001: Drafted speech for Senator Pimentel on DAO 17 (A. Sia)</p> |
| Tañon Strait Commission | <p>1st Quarter 2001: As key partner of Cebu CRM partners, regular attendance/ participation in TWG meetings and CRM activities for the Cebu CRM Southwest cluster (R. Smith, R.E. Farrarons, M.F. Portigo); Provincial ICM framework planning preparation (W. Ablong)</p> <p>2nd Quarter 2001: As key Cebu CRM Partner, participation in TWG meetings and CRM activities for the Cebu CRM Southwest cluster. With BFAR, funded and conducted PCRA in the municipality of Barili, a member municipality of the CRM southwest cluster (R. Smith)</p> <p>3rd Quarter 2001: Conduct of Provincial CRM Framework; Technical conference on marine pollution in Tañon Strait (W. Ablong)</p> <p>4th Quarter 2001: Acquired documents pertaining to the Fisheries Code of 1998 (L. Pura)</p> |
| Technical Educational Skills Development Authority (TESDA) | <p>1st Quarter 2001: Assistance to TESDA in the preparation and planning of enterprise development activities resulting in their request to CRMP for a training proposal/collaboration on enterprise development training to support CRMP in Negros Oriental (F. Leocadio); Trainors training on boat making (W. Ablong); Conduct of the Trainors Training on Fiberglass Boat Making, process documentation and Mini Manual on Fiberglass Pumpboat making (F. Leocadio, M. Navarro)</p> <p>2nd Quarter 2001: Training on Pumpboat Making for Apo Is. fisherfolks in Palawan (W. Ablong)</p> |
| Donor Agencies and Donor-Assisted Projects | |
| AGILE | <p>1st Quarter 2001: Attended presentation on advocacy and coalition building (A. Trinidad)</p> <p>4th Quarter 2001: Attended presentation on advocacy and coalition building (A. Trinidad)</p> |
| British Embassy | 1 st Quarter 2001: Introduction to BEMO and provincial officials to discuss possible collaborations and other activities (S.J. Green) |
| Canadian International Development | 1 st Quarter Department of Tourism's Office of Product Research and Development and Region 7 Office, NEDA Region 7, PTA, Philippine Convention and Visitors Corporation, PhilVocS, DENR region 7: field survey of Northwest Bohol tourism projects and |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| Agency (CIDA) | development potential; sharing of projects, plans and institutional frameworks for Bohol Tourism Planning (M. Flores) |
| Eco-Governance | 4 th Quarter 2001: Participated in a Synergy meeting, wherein CRMP oriented them on projects strategies and identified possible areas of collaboration (all CRMP technical staff) |
| Enterprise Works Worldwide | 1 st Quarter 2001: Participated in stakeholders' conference on their Enterprise Development Support Services project funded by USAID (F. Leocadio) |
| Fisheries Resource Management Project (FRMP-ADB) | <p>1st Quarter 2001: Collaborated on the revision of the Managing Municipal Fisheries guidebook and its possible field testing (A. Trinidad, L. Pura); Provided research materials on CRM to field personnel (L. Pura); Coordination regarding joint publication of posters on Coral reefs, overfishing and marine sanctuaries (R. Smith, A. White); Conducted enterprise development and community organizing sessions with project's community organizers. (F. Leocadio); Close collaboration with FRMP-ISFI in providing assistance to Barangay Bato , Sta. Cruz to develop a Marine Protected Area Management Plan and to CRM, implementation in Samal Island (G. Iturralde, L. Mancao)</p> <p>2nd Quarter 2001: Coordinated participation in the National Review of Guidebook No. 6: Managing Municipal Waters (A. Trinidad; L. Pura); Collaborated on the revision of the Managing Municipal Fisheries guidebook and the possible field testing of the guidebook (A. Trinidad; L. Pura); Provided research materials on CRM to field personnel (L. Pura); Coordination regarding joint publications of posters on Coral reefs, overfishing and marine sanctuaries (R. Smith, A. White); Coordinated in the conduct of MPA establishment and management Trainors Training for Davao (W. Jatulan, G. Iturralde)</p> <p>3rd Quarter 2001: Requested for documents on the organization of FRMP (A. Trinidad); Secured participation of Dr. Ben Gonzales and Hugh Trudeau in the CRM Refresher Course on August 6-16 (F. Leocadio)</p> <p>4th Quarter 2001: Coordinated participation of DA Secretary in the DENR Night during the 11th LMP National Convention (A. Trinidad, L. Pura); Requested for documents on the organization of FRMP (A. Trinidad); Coordinated participation in the National Review of Guidebook No. 6: Managing Municipal Waters (A. Trinidad, L. Pura); Collaborated on the revision of the Managing Municipal Fisheries guidebook and the possible field testing of the guidebook (A. Trinidad, L. Pura); Provided research materials on CRM to field personnel (L. Pura)</p> |
| German Development Service (GDS) | <p>1st Quarter 2001: As key partner of Cebu CRM partners, regular attendance/ participation in TWG meetings and CRM activities for the Cebu CRM Southwest cluster (R. Smith, R.E. Farrarons, M.F. Portigo); Undertake video documentation of proposed marine sanctuary sites (R. Smith, M. Gasalatan; Participated as resource person in Marine Sanctuary Training for cluster of 5 municipalities (R. Smith, W. Jatulan, M. Gasalatan; Continues to be the key Cebu CRM provincial partners in the expansion area especially in the generation of base maps for the municipalities of Sibonga and Dalaguete for PCRA (M.F. Portigo); BEMO series of meetings to develop MOU between the Province and PROCESS to forge implementation collaboration in various focus towns (S.J. Green)</p> <p>2nd Quarter 2001: As key partner of Cebu CRM partners, regular attendance/ participation in TWG meetings and CRM activities for the Cebu CRM Southwest cluster (R. Smith, R.E. Farrarons). Under the GDS funded UP Cebu CEIS project, worked closely with CRMP regarding digitizing/GIS presentation of PCRA maps/results of Cebu southwest municipalities (R. Smith, M. Gasalatan)</p> <p>4th Quarter 2001: Co-sponsored the 2-day CRM Orientation workshop conducted for the cluster of municipalities in Bantayan Island (Sta. Fe, Madridejos and Bantayan);</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | Participated in the 2 nd CRM planning writeshop and monitoring and evaluation workshop for Cebu expansion municipalities; Key partner of Cebu Provincial CRM Partners, regular attendance/Participation in TWG meetings and CRM activities in southern Cebu (R. Smith, M.F. Portigo, R. Blanco) |
| Japan International Cooperation Agency (JICA) | <p>1st Quarter 2001: Discussed CRM implementation in the northern municipalities of Cebu where JICA will provide infrastructure and technical assistance support (R. Smith, R.E. Farrarons); Provides digitized base maps for the PCRA workshops (M.F. Portigo)</p> <p>2nd Quarter 2001: Solicited CRMP support to JICA initiated CRM activities in the municipalities of northeast Cebu; At JICA's invitation, conducted marine sanctuary training for the municipality of Bogo (W. Jatulan, M. Gasalatan, R. Smith)</p> <p>4th Quarter 2001: Co-sponsored the CRM planning workshop for the municipality of Bogo, Cebu; participated in the orientation on CRM certification (R. Smith, R.E. Farrarons); Key Cebu Provincial CRM Partners; Provide digitized base maps for the PCRA training (M.F. Portigo, M. Gasalatan, J. Floren, R. Smith)</p> |
| PATH Foundation, Inc. | <p>1st Quarter 2001: Regular coordination and collaboration in developing their frameworks (S.J. Green); Discussion of field implementation of project in Bohol and Palawan to build on the CRMP experience and methods (A. White)</p> <p>3rd Quarter 2001: PATH foundation assistance extended for the development of their training modules and MPA program, editing and program development suggestions. (S.J. Green, A. Gulayan)</p> <p>4th Quarter 2001: Assistance extended for the development of their training modules and MPA program, editing, proposal editing and program development suggestions (S.J. Green, A. Gulayan); Review Path CRM project in Palawan (A. White)</p> |
| Philippine Coral Reef and Rainforest Foundation, Inc. | 1 st Quarter 2001: Assessed enterprise development options to support the foundation's marine conservation efforts in Negros Oriental, conducted consultations with three pilot barangays and BFARMC representatives (F. Leocadio) |
| Philippine Self Help Foundation | 1 st Quarter 2001: Provided support in providing micro-enterprise for qualified Olango residents, provided support for the meals of volunteers during the conduct of animal vaccination in Olango island (M.F. Portigo) |
| Southern Mindanao Integrated Coastal Zone Development Project (SMICZMP) | <p>1st Quarter 2001: Initiated meetings to discuss collaboration in sustaining CRM implementation in Malalag Bay and Sarangani Bay learning areas (C. Courtney, E. Deguit, G. Iturralde, A. Yambao)</p> <p>2nd Quarter 2001: Various meetings to coordinate CRM implementation in Davao del Sur and Sarangani (C. Courtney, A. White, A. Yambao, G. Iturralde, E. Deguit)</p> <p>3rd Quarter 2001: Catalyzed SMICZMP's participation in M&E and CRM certification workshops (H. Cabangon, G. Iturralde, E. Deguit)</p> <p>4th Quarter 2001: Conducted for the SMICZMP an IEC Planning Workshop for its IEC and selected technical staff (R. Smith); Review workplan for CRM planning (A. White)</p> |
| U.S. Peace Corps | 1 st Quarter 2001: Advised volunteer on marketing study for Kapis shell (A. Trinidad); Provided technical support to the DECS on environmental education, youth environment camp, participated in the Reefcheck in Gilutungan Marine Sanctuary and providing |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | technical assistance in conceptualizing The Ecological Center in Tingo, Olango Island (M.F. Portigo); Development of brochures for Apo Island (W. Ablong); Preparation of Apo Island Brochure (F. Leocadio, M. Navarro) 2 nd Quarter 2001: Advised volunteer on marketing study for Kapis shell (A. Trinidad); Technical assistance during US Peace Corps Pre-service training (W. Ablong) |
| United States Agency for International Development- Washington DC (USAID) | 1 st Quarter 2001: Coordinated participation in 2 nd Joint Meeting between DENR and DA-BFAR (A. Trinidad) 2 nd Quarter 2001: Coordinated participation in 3 rd Joint Meeting between DENR and DA-BFAR (A. Trinidad) 4 th Quarter 2001: Coordinated participation of US Charge de Affaires in DENR Night during the 11 th LMP National Convention (A. Trinidad, L. Pura); Coordinated CRMP participation as part of DENR Booth during the Project 10-10-10 ULAP Convention (A. Trinidad, L. Pura); Coordinated participation in 2 nd Joint Meeting between DENR and DA-BFAR (A. Trinidad) |
| Non-Government Organizations | |
| American Studies Association: | 1 st Quarter 2001: Invited to conference on ecotourism in Palawan as resource speaker (M. Flores, A. White) |
| Bais City Development Foundation | 1 st Quarter 2001: Technical assistance on seaweed propagation, financial and marketing assistance to the Barangay Okiot seaweed framers association in Bais City, turning over of project documents/schemes for them to continue (F. Leocadio, M. Navarro) |
| Bais City Multipurpose Cooperative | 1 st Quarter 2001: turning over of project documents and terminal report (F. Leocadio, M. Navarro) |
| Buglas Bamboo Institute | 1 st Quarter 2001: Referred Hayskul '70 Multipurpose cooperative of Guilhuungan in identifying interventions and linkages for the bamboo skilled workers they are assisting (F. Leocadio, M. Navarro) |
| Catholic Relief Services | 1 st Quarter 2001: Conducted CRM orientation and discuss possible collaboration within Davao area (H. Cabangon, E. Deguit) |
| Centrop | 1 st Quarter 2001: Provided inputs to the Negros Oriental Provincial ICM Framework planning preparation (W. Ablong) |
| Council of Economics Educators | 4 th Quarter 2001: 5 th National Conference of Council of Economics Educators (W. Ablong) |
| Eduardo Aboitiz Development Studies Center | 1 st Quarter 2001: Attended regular meeting to form the Mactan Channel Multi-sectoral Monitoring Council to address issues affecting the waters of Mactan Channel (E. Deguit) 3 rd Quarter 2001: Represented CRMP in MCMC IEC Committee (E. Deguit) |
| Environmental Legal Assistance Center (ELAC) | 1 st Quarter 2001: Provided lecturers to the Camotes and Bohol training; formulated the first draft of the ordinance regulating the blasting cap industry of Talisay City; Actively participated in the coastal enforcement guidebook review (M. Guidote); Collaboration with Executive Director on the drafting of a Provincial Resolution on CRM and a pro-forma municipal ordinance on the establishment and management of marine sanctuaries. The resolution has been passed, signed, and a budget has been allocated for its implementation. The ordinance has been endorsed by Board Member Alvarez to municipal |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | LGUs for enactment; Discussed and reached agreement with ELAC to conduct paralegal training in San Vicente with DENR committing to provide funding (F. Leocadio) |
| | <p>2nd Quarter 2001: Facilitated the discussion on FAO 206 and drafted the initial memorandum of agreement on guidelines for the impoundment of commercial fishing vessels (M. Guidote)</p> <p>3rd Quarter 2001: Provided documents/status reports re DAO 17 (M. Guidote; A. Trinidad); Provided legal aid to all consultative conferences (M. Guidote)</p> <p>4th Quarter 2001: Provided documents/status reports re DAO 17 (M. Guidote, A. Trinidad)</p> |
| Environmental Science for Social Change, Inc. (ESSC) | 1 st Quarter 2001: Discussed collaboration on PCRA and CRM planning to be conducted in Candijay municipality (S.J. Green) |
| Feed the Children Foundation | 1 st Quarter 2001: Coordinated the visit of the Foundation's Spiritual Director to Olango and Gilutungan Islands (M.F. Portigo); Introductory meeting with David Campbell and Linda Paredes (S.J. Green) |
| Foundation for Philippine Environment (FPE) | <p>1st Quarter 2001: Attended launching program for the Bohol Marine Triangle project designed with the assistance from CRMP and Silliman University Marine Laboratory (A. White, S.J. Green)</p> <p>4th Quarter 2001: Assisted with BMT workplan (A. White, S.J. Green)</p> |
| Friends of the Banica River and the Environment (FBRE) | <p>2nd Quarter 2001: Facilitated site inspection of an open dumpsite in Campuyo, Manjuyod which is believed to be one of the sources of marine debris in the Tañon Strait. A dialogue with LGU officials was conducted after the inspection (W. Ablong)</p> <p>3rd Quarter 2001: Drafting of position paper regarding proliferation of marine debris in Tañon Strait (W. Ablong)</p> |
| Fundacion Santiago | 4 th Quarter 2001: Conducted several meetings regarding their proposed activities in the municipality of Getafe and possible funding of the CRM plan of the town by Spanish source (S.J. Green) |
| Genesys Foundation | <p>1st Quarter 2001: Exposure visit to learning area sites and technical assistance to the Foundation's mariculture sites in San Carlos City (W. Ablong); Technical assistance on seaweed farming in Sipaway island in San Carlos City (F. Leocadio, M. Navarro)</p> <p>2nd Quarter 2001: Technical assistance on CRM and seaweed farming (W. Ablong)</p> <p>4th Quarter 2001: Conduct of 3-day ICM Training (W. Ablong)</p> |
| Haribon Foundation | <p>1st Quarter 2001: Advised volunteer on marketing study for Kapis shell (A. Trinidad)</p> <p>2nd Quarter 2001: Advised volunteer on marketing study for Kapis shell (A. Trinidad)</p> <p>3rd Quarter 2001: Provided documents related to DAO 17 (A. Trinidad; M. Guidote; L. Pura)</p> <p>4th Quarter 2001: Provided documents related to DAO 17 (A. Trinidad, M. Guidote, L.</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | Pura); Advised volunteer on marketing study for Kapis shell (A. Trinidad) |

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| International Marinelife Alliance (IMA) | <p>1st Quarter 2001: Attended recognition day for participants of International Coastal Cleanup Day (A. Trinidad); Co-funded the Camotes LGUs training; Participated in the consultative conference on blast fishing and guidebook review (M. Guidote); Co-sponsored a 3-day GIS Course for the Province of Davao del Sur (G. Iturralde)</p> <p>2nd Quarter 2001: Attended recognition day for participants of International Coastal Cleanup Day (A. Trinidad)</p> <p>4th Quarter 2001: Attended recognition day for participants of International Coastal Cleanup Day (A. Trinidad)</p> |
| Mirant Corporation | 4 th Quarter 2001: Exposure visit to Negros Learning area and Cebu office (W. Ablong, A. White, E. Deguit, A. Yambao) |
| National Fisheries Reform Network | 2 nd Quarter 2001: Linkage with NFR for advocacy on the signing of the DAO # 2001-17 (E. Deguit, M. Guidote, A. Trinidad) |
| Negros Oriental Association of Travel Agencies (NOATA) | 1 st Quarter 2001: Endorsement of assessment report of the MaBaTa Bay Ecotourism Plan (F. Leocadio, M. Navarro) |
| Negros Oriental Union of Cooperative | 1 st Quarter 2001: Closure meeting (F. Leocadio, M. Navarro) |
| NGOs for Fisheries Reform | <p>2nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura)</p> <p>3rd Quarter 2001: Assisted in the conduct of a press conference in support of DAO 17 (A. Trinidad); Assisted in the consolidation of efforts among NGOs and POs against the filing of TRO by the commercial fisheries sector against DAO 17 (A. Trinidad; M. Guidote); Assisted in the preparation of materials for distribution during the press conference on DAO 17 (A. Trinidad; L. Pura)</p> <p>4th Quarter 2001: Coordinated meeting among members of Congress, NGOs, DA, and DENR-NAMRIA on DAO 17 (A. Trinidad, M. Guidote, L. Pura); Participated in several meetings on the DAO 17 Action Agenda (A. Trinidad, M. Guidote, L. Pura); Coordinated participation in the 11th LMP National Convention (A. Trinidad, M. Guidote, L. Pura); Facilitated publication of support of NGOs and other members of civil society for DAO 17 (A. Trinidad, M. Guidote); Assisted on the conduct of a press conference in support of DAO 17 (A. Trinidad); Assisted in the consolidation of efforts among NGOs and POs against the filing of TRO by the commercial fisheries sector against DAO 17 (A. Trinidad, M. Guidote); Assisted in the preparation of materials for distribution during the press conference on DAO 17 (A. Trinidad, L. Pura); Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad, M. Guidote, L. Pura)</p> |
| North Negros Community Development Foundation Inc. | 4 th Quarter 2001: Conduct of 1-day CRM Orientation for 3 cities (W. Ablong) |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| (NNCDFI) | |
| Palawan-American Studies Association | 1 st Quarter 2001: Served as resource person for a 1-day CRM and ecotourism development workshop for college students in Palawan (A. White, M. Flores) |
| Palawan Chamber of Commerce and Industry | 3 rd Quarter 2001: Presentation of sardine making enterprise of the Panindigan Women's Group in San Vicente resulting in Chamber's decision to provide assistance for expansion (F. Leocadio) |
| Palawan NGO Network, Inc. (PNNI) | 3 rd Quarter 2001: Collaboration with PNNI Project Team to integrate CRM into PNNI project for Taytay Bay. Initial activity is a two-day CRM orientation and evaluation prior to CRM planning (F. Leocadio) |
| Palawan Tropical Forestry Protection Program (PTFPP) | 3 rd Quarter 2001: Joint management planning facilitation and assistance to Barangay Marufinas, on of three barangays surrounding the Subterranean River National Park in Cabayugan, Puerto Princesa City (F. Leocadio) |
| Participatory Research, Organization of Communities and Education towards the Struggle for Self Reliance (PROCESS) | 1 st Quarter 2001: BEMO series of meetings to develop MOU between the Province and PROCESS to forge implementation collaboration in various focus towns (S.J. Green) 4 th Quarter 2001: Conducted several joint activities and counterparting for various trainings and workshops (S.J. Green, A. Gulayan) |
| Pew Charactable Trusts | 2 nd Quarter 2001: Attended international conference to share Philippine CRM Experience in Canada (A. White) |
| Philippine Business for Social Progress (PBSP) | 1 st Quarter 2001: Provided technical assistance in community strengthening in Olango and Gilutungan Island (M.F. Portigo); Provided technical assistance for CRM implementation in Samal Island (G. Iturralde) 2 nd Quarter 2001: Attended various meetings on Olango Island coordination (E. Deguit, A. White, M. Flores, F. Portigo) 3 rd Quarter 2001: Sustained coordination for CRM implementation in Olango and Gilutongan Islands (E. Deguit, R. Blanco) 4 th Quarter 2001: Sustained coordination for CRM implementation in Olango and Gilutongan Islands (E. Deguit, M.F. Portigo, R. Blanco): Coordination meetings for CRM implementation in Olango and Gilutongan (E. Deguit, R. Blanco, M.F. Portigo) |
| Philippine Foreigner Friendship Association | 4 th Quarter 2001: Met with the president to discuss possible funding for Bohol wide profile (S.J. Green) |
| Philippine Partnership for the Development of Human Resources in Rural Areas | 2 nd Quarter 2001: Meeting with PhilDRRA representative to provide inputs on CRM and Regional CRM situation (E. Deguit) |
| PHILMAR | 3 rd Quarter 2001: Assisted in the arrangement of logistics pertaining to the NGO-sponsored Press Conference on DAO 17 (A. Trinidad; M. Guidote); Assisted in the coordination of the meeting among NGOs on the filing for a TRO on DAO 17 by the |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | commercial fisheries sector (A. Trinidad) 4 th Quarter 2001: Assisted in the arrangement of logistics pertaining to the NGO-sponsored Press Conference on DAO 17 (A. Trinidad, M. Guidote); Assisted in the coordination of the meeting among NGOs on the filing for a TRO on DAO 17 by the commercial fisheries sector (A. Trinidad) |
| Plan International | 1 st Quarter 2001: Initiated discussions with Plan International regarding utilization of CRMP products and services, particularly processes/ best practices implemented by the project (R. Smith, M. Guidote); Served as Resource Person in Plan's CRM planning workshop and provided range of IEC materials produced by CRMP (R. Smith); Briefed Plan International Camotes team and country office representatives on the Law enforcement initiative. (M. Guidote) |
| Palawan Network for NGO's Inc. (PNNI) | 1 st Quarter 2001; Discussed PNNI project in Taytay resulting in their request for the Guidebook on Community Involvement in ICM and the Municipal Ordinance on Marine Sanctuaries (F. Leocadio) |
| Save the Children USA | 4 th Quarter 2001: CLEAR7 provided law enforcement training needs assessment for their municipalities (M. Guidote) |
| Skynews | 2 nd Quarter 2001: Facilitated study tour to Negros Learning area particularly Bais Bay and Apo Island (W. Ablong) |
| Tambuyog Development Center | 4 th Quarter 2001: Participated in the 2 nd CRM Planning writeshop for Cebu expansion municipalities; Committed to be a member of the Cebu Provincial TWG and to participate in the CRM certification program of the province; attended organizational meeting and orientation on CRM certification (R. Smith, R.E. Farrarons); Coordination activity in Sarangani CRM implementation (H. Cabangon) |
| The Nature Conservancy-Indonesia | 1 st Quarter 2001: Started correspondences information exchange on blast fishing, provided CLEAR7 with the Komodo model on law enforcement while CLEAR7 provided inputs on blasting cap, nitrate trade, and capacity building measures (M. Guidote) |
| Ting Matiao Foundation (TMF) | 2 nd Quarter 2001: Met to discuss possible new CRM project in Siquijor (A. White) 4 th Quarter 2001: Assistance in initial preparation for Siquijor project (W. Ablong) |
| UNEP Asia Pacific Region | 1 st Quarter 2001: Department of Tourism's Office of Product Research and Development and Region 7 Office, NEDA Region 7, PTA, Philippine Convention and Visitors Corporation, PhilVocS, DENR region 7 : field survey of Northwest Bohol tourism projects and development potential; sharing of projects, plans and institutional frameworks for Bohol Tourism Planning (M. Flores) |
| United Evangelical Mission | 3 rd Quarter 2001: Orientation on the state of marine life in Negros Oriental (W. Ablong) |
| Volunteer Service Organization (VSO) | 1 st Quarter 2000: Attended planning meeting re festival of POs on CBNRM (A. Trinidad); Conducted orientation with VSO volunteers assigned in Davao City and provided relevant materials for their watershed management planning (E. Deguit, W. Jatulan, G. Iturralde) 2 nd Quarter 2001: Attended planning meeting re festival of POs on CBNRM (A. Trinidad) 4 th Quarter 2001: Attended planning meeting re festival of POs on CBNRM (A. Trinidad) |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| Wildlife Conservation Society of the Phil. | 2 nd Quarter 2001: Technical assistance during study tour in Bais Bay (W. Ablong) |
| World Wildlife Fund Philippines (WWF-KKP) | <p>1st Quarter 2001: Oriented the Negros Occidental Blue Crab Team on the CLEAR7 initiatives CRMP provided them materials and started correspondences (M. Guidote); Provided orientation on CRM activities in Olango Island and eco-tour (M.F. Portigo); Invited to conducted a 3-day enterprise development seminar for the KKP staff, NGOs and LGU officials working in Cagayancillo, assisted in the preparation to the stakeholders of KKP's socio-economic study of Cagayancillo (F. Leocadio); Invited to their training workshop on product enhancement for whale shark interaction operators in Donsol (M. Flores); Attended planning workshop for regional program (A. White); Facilitated study tour in Apo island (W. Ablong); Lakbay Aral to CRMP Negros Learning Area particularly Apo Island (F. Leocadio, M. Navarro)</p> <p>2nd Quarter 2001: Partnership with the institution in the turtle tracking project, Ocean Ambassadors page of the website, ONEOCEAN.ORG (A. Sia)</p> <p>3rd Quarter 2001: Facilitated Turtle Island PAMB Study Tour to CRMP and Olango Island (E. Deguit, W. Jatulan, A. Yambao)</p> |
| Academe and Research Institutions | |
| Business Resource Center, Notre Dame University | 1 st Quarter 2001: Collaboration in implementation of Alternative Livelihood in Sarangani coastal communities (H. Cabangon) |
| Divine Word College | <p>1st Quarter 2001: Joined forces to conduct CRM planning in Albur and Loay (S.J. Green, A. Gulayan)</p> <p>2nd Quarter 2001: Conducted joint activities on the integration of watershed planning with CRM planning (A. Gulayan)</p> |
| Holy Trinity College | 1 st Quarter 2001: Hosted activities for the Palawan ecotourism conference, explored tie up for ecotourism summer training workshop in March 2002 (M. Flores) |
| Mindanao State University | <p>1st Quarter 2001: Facilitated active participation of the University in CRM implementation in Sarangani Bay, assisted in training of students through the Internship Program (H. Cabangon)</p> <p>2nd Quarter 2001: Facilitated in the signing of MOA between Kiamba LGU and MSU to work together to monitor the marine sanctuaries of Tuka and Lumuyon (H. Cabangon)</p> <p>3rd Quarter 2001: Provided technical training on development of marine sanctuary management plan IEC facilitation and CRM M&E and certification (H. Cabangon)</p> |
| National University of Singapore | 1 st Quarter 2001: Attended training course and workshop on marine protected areas to served as a resource person and to share the CRMP experience on Olango Island (A. White) |
| Sacred Heart School | 2 nd Quarter 2001: "I Love the Ocean" members conducted river clean up of Kawasan Falls and Matutinao river on the occasion of Ocean month (M. Gasalatan) |
| Silliman University LEAP/COE-CRM | 1 st Quarter 2001: Assisted in the design/presentation of proposal for LGU funding (A. Trinidad; C. Courtney); Coordinated initiatives with NAFC (A. Trinidad); Invited to be the only resource person in a 2-day seminar-workshop on proposal-making (F. Leocadio); Integrated Coastal Management research project planning workshop (A. White, C. |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | <p>Courtney); Provincial ICM framework planning preparation, GEO mapping on pollution of Dumaguete coastal waters e.g. map on coliform concentration in the coastal waters, development of brochures for Apo island (W. Ablong); Preparation of Apo Island Brochure, endorsement of terminal report, conduct of Technical writing on proposal making (F. Leocadio, M. Navarro)</p> <p>2nd Quarter 2001: Assisted in the design/presentation of proposal for LGU funding (A. Trinidad; C. Courtney); coordinated initiatives with NAFC (A. Trinidad); Assistance during conduct of 8th PPAG (W. Ablong); Plan for collaboration in MPA project (A. White)</p> <p>3rd Quarter 2001: Attended meeting to discuss policy environment for ICM (A. Trinidad); Conduct of Provincial CRM Framework; Drafting of Provincial Coastal Environmental (W. Ablong)</p> <p>4th Quarter 2001: Attended meeting to discuss policy environment for ICM (A. Trinidad); Assisted in the design/presentation of proposal for LGU funding (A. Trinidad, C. Courtney); Coordinated initiatives with NAFC (A. Trinidad); Advocacy regarding proposed port development project in Dumaguete (W. Ablong)</p> |
| St. Theresa's College (STC) | <p>1st Quarter 2001: Collaborated with the youth sector of Olango island to do a theater presentation in Olango (M. Morales, M.F. Portigo); Provided coordination for the community exposure and CRM activities in Olango, provided assistance in the making of a community theater guide to be used for those who wish to use the strategy in environment education and in development of the research report (M.F. Portigo, E. Deguit)</p> |
| State Polytechnic College of Palawan (SPCP) | <p>3rd Quarter 2001: Inclusion of CRMP materials in college library/utilization of CRM messages in institution's IEC (F. Leocadio)</p> |
| Tagbilaran Science High School | <p>3rd Quarter 2001: Conducted series of meetings with DECS and special memorandum from DECS prepared for Tagbilaran Science High School for institutionalization of 'I Love the Ocean-Bohol' within the High School (J. Jarantilla).</p> |
| University of Cebu (UC) | <p>1st Quarter 2001: Community Extension Services and Development (UC-CESDEV) in the conduct of environmental training (M.F. Portigo)</p> <p>2nd Quarter 2001: "I Love the Ocean" members conducted river cleanup of Kawasan Falls and Matutinao river on the occasion of Ocean month (M. Gasalatan)</p> |
| University of San Carlos (USC) | <p>1st Quarter 2001: Solicited the support of the University's Fine Arts and Architecture Department to do a landscape design for the rehabilitation of Kawasan Falls as a tourist destination, the Department offered to provide landscaping and physical development studies (R. Smith, M. Flores); Solicited the support of the Center regarding their compilation of folklore stories on Kawasan Falls, Badian for incorporation in the eco-tourism products and services plan for Kawasan Falls (M. Gasalatan, M. Flores); Provided technical assistance in the Reefcheck in Gilutungan Marine Sanctuary (M.F. Portigo); resource on coral reef for tour guiding seminar; explored tie-up of environmental research and projects by USC to enterprise sites of CRMP in Cebu and Bohol for sustainability of environmental technical assistance and education to community (M. Flores)</p> <p>2nd Quarter 2001: Continued linkage with the University's Fine Arts and Architecture Department to do a landscape design for the rehabilitation of Kawasan Falls as a tourist destination (R. Smith; M. Flores)</p> <p>4th Quarter 2001: Committed to be a member of the Cebu Provincial TWG and to participate in the CRM certification program of the province, attended organizational meeting and orientation on CRM certification (R. Smith, R.E. Farrarons)</p> |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| University of the Philippines (UP) and UP-Marine Science Institute (UP-MSI) | <p>1st Quarter 2001: Attended follow-up meeting on status of National Marine Policy (A. Trinidad); Provided research materials on law enforcement to some students (L. Pura); Recently joined the Cebu CRM Partners to provide support to resource mapping activities and establish a coastal resource data base for the province of Cebu and participating municipalities (R. Smith, R.E. Farrarons); participated in PCRA activities and TWG monthly meetings (R. Smith, R.E. Farrarons); Provided personnel to serve as facilitator in the Marine Sanctuary Training for Cebu's 5 cluster municipalities (R. Smith, W. Jatulan); Participatory monitoring and evaluation of marine protected area (Reefcheck) in Gilutungan Island (M.F. Portigo); – Continues to be the key Cebu CRM provincial partner in Cebu expansion area; provided assistance in digitizing PCRA Habitat Map for municipalities of Sibonga and Dalaguete; provided base map for the municipality of Malabuyoc. (M.F. Portigo); Meeting to discuss collaboration on Marine Protected Area project of Sulu Fund and to finalize editing of the book: "Coral Reef Monitoring for Management" with Andre Uychiaoco and Dr. Edgardo Gomez (A. White)</p> <p>2nd Quarter 2001: Attended follow-up meeting on status of National Marine Policy (C. Courtney, A. Trinidad); Provided research materials on law enforcement to some students (L. Pura); As member of Cebu CRM partners, its UP Cebu CEIS Project participated in regular meetings and field level activities in the southwest and southeast cluster of municipalities. Undertook underwater assessment of two marine sanctuary sites in southwest Cebu (R. Smith, W. Jatulan, M. Gasalatan); UP/GDS is digitizing PCRA maps of Moalboal and Alcantara for presentation to the CRM Planning Writeshop, with the maps of other municipalities to follow (R. Smith, M. Gasalatan); LGU-Loon and CBRMP staff joint training for trainers in underwater assessment techniques (S.J. Green)</p> <p>3rd Quarter 2001: Harness participation in CRM M&E as member of the Regional Certification Committee for Region 11 (G. Itturalde)</p> <p>4th Quarter 2001: Attended follow-up meeting on status of National Marine Policy (A. Trinidad); Provided research materials on law enforcement to some students (L. Pura); Assisted in the conduct of a technical survey validating the coastal resource mapping conducted during the PCRAs of all Cebu expansion municipalities; finalized the PCRA maps and coastal zoning maps (M.F. Portigo, M. Gasalatan); Assisted UP-MSI PEW awardee Dr. Gomez on developing projects sites for coral transplantation and giant clam rehabilitation in Bohol with CRMP partner LGUs and POs (S.J. Green); Key Cebu Provincial CRM Partners. Processed and digitized PCRA maps and habitat maps from the technical surveys in southern Cebu municipalities (M.F. Portigo)</p> |
| Private Sector | |
| Cebu Chamber of mangrove Industries | 1 st Quarter 2001: Participated in the consultative conference on blast fishing (M. Guidote) |
| Cebu Daily News | <p>2nd Quarter 2001: Continued publicity on CRMP activities (R.E. Farrarons); Connected A. Pal, Visayas Philippine Daily Inquirer correspondent regarding write-up of marine sanctuaries and local politics in Bohol (R.E. Farrarons, R. Smith)</p> <p>4th Quarter 2001: Continued publicity on CRMP activities (R.E. Farrarons)</p> |
| CP Kelco, Inc. | 1 st Quarter 2001: Provided support to the municipality of Sibonga in the conduct of PCRA in the municipality (R.E. Farrarons, M.F. Portigo) |
| Cuernos Adventure Plus | 1 st Quarter 2001: Closure meeting (F. Leocadio, M. Navarro) |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| FMC Marine Colloids | 1 st Quarter 2001: Linked BACIDEF to their purchasing department (F. Leocadio, M. Navarro) |
| League of Cities of the Philippines (LCP) | <p>2nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura); coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote)</p> <p>3rd Quarter 2001: Coordinated participation in the subsequent meetings on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote)</p> <p>4th Quarter 2001: Coordinated participation in the subsequent meetings on the 2nd Coastal Municipalities Conference (A. Trinidad, M. Guidote); Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad, M. Guidote, L. Pura); Coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad, M. Guidote)</p> |
| League of Municipalities (LMP) | <p>2nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad; M. Guidote; L. Pura); Coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote)</p> <p>3rd Quarter 2001: Coordinated on the subsequent meetings and preparation of documents on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote; L. Pura); Prepared a tentative conference cum workshop design for coastal conference (A. Trinidad; M. Guidote); Coordinated on the DENR and DILG endorsement for funding by the Japanese Embassy of the 2nd Coastal Municipalities Conference (A. Trinidad; L. Pura); Assisted LMP in the preparation of funding proposal from the Japanese Embassy (M. Guidote; A. Trinidad; L. Pura)</p> <p>4th Quarter 2001: Coordinated on and participated in the 11th LMP National Convention activities particularly DENR Night (A. Trinidad, M. Guidote, C. Courtney, L. Pura, R. Smith, R. Omega); Assisted in the formation of a Subcommittee on CRM in the organization (A. Trinidad, M. Guidote, C. Courtney); Participated in several meetings on the DAO 17 Action Agenda (A. Trinidad, M. Guidote, L. Pura); Facilitated publication of support of LMP for DAO 17 (A. Trinidad, M. Guidote); Coordinated on the subsequent meetings and preparation of documents on the 2nd Coastal Municipalities Conference (A. Trinidad, M. Guidote, L. Pura); Prepared a tentative conference cum workshop design for coastal conference (A. Trinidad, M. Guidote); Coordinated on the DENR and DILG endorsement for funding by the Japanese Embassy of the 2nd Coastal Municipalities Conference (A. Trinidad, L. Pura); Assisted LMP in the preparation of funding proposal from the Japanese Embassy (M. Guidote, A. Trinidad, L. Pura); Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad, M. Guidote, L. Pura); Coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad, M. Guidote)</p> |
| Northern Cebu Development Center, Inc. | 1 st Quarter 2001: Coordinated continuation of PCRA Training in the Municipality of Bogo, Cebu (M.F. Portigo) |
| Palawan Marine Craft | 1 st Quarter 2001: Collaboration on TESDA-funded training on boat making for selected participants from Apo Island, Dauin, Negros Oriental (F. Leocadio); Resource persons for the trainors training on fiberglass boat making (F. Leocadio, M. Navarro) |
| Philippine Daily Inquirer | 2 nd Quarter 2001: Continued publicity on CRMP activities (R.E. Farrarons); Connected A. Pal, Visayas Philippine Daily Inquirer correspondent regarding write-up of marine |

| HISTORY OF COORDINATION AND COLLABORATION ACTIVITIES 2001 | |
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| PARTNER | COLLABORATIVE ACTION AND OUTCOME |
| | sanctuaries and local politics in Bohol (R.E. Farrarons, R. Smith) |
| Sulu Fund for Marine Conservation | <p>3rd Quarter 2001: Assisted Sulu Fund staff in coordinating with LGU's and visiting Bohol marine protected areas for evaluation (S.J. Green)</p> <p>4th Quarter 2001: Sulu Fund field staff and CRMP Cebu team worked together in conducting marine sanctuary training workshops and marine sanctuary management planning to CRMP expansion municipalities in Cebu (R. Smith, W. Jatulan, M. Gasalatan); Provided support and personnel in the conduct of PCRA's, Marine Sanctuary Identification and Establishments & Technical Surveys in southern Cebu Municipalities (M.F. Portigo, M. Gasalatan)</p> |
| Sun-Star Daily | <p>1st Quarter 2001: Continued promotions and publicity on CRMP activities which appeared in Cebu's newspapers (R.E. Farrarons, R. Smith, A. White)</p> <p>2nd Quarter 2001: Continued publicity on CRMP activities (R.E. Farrarons)</p> <p>4th Quarter 2001: Continued publicity on CRMP activities (R.E. Farrarons)</p> |
| The Freeman | <p>2nd Quarter 2001: Continued publicity on CRMP activities (R.E. Farrarons)</p> <p>4th Quarter 2001: Continued publicity on CRMP activities (R. Farraons)</p> |
| Uldarico Bojos | 1 st Quarter 2001: Financial and marketing assistance to Campuyo, Majuyod Seaweed farmers; Closure meeting (F. Leocadio, M. Navarro) |
| Union of Local Authorities of the Philippines (ULAP) | <p>2nd Quarter 2001: Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (C. Courtney, A. Trinidad; M. Guidote; L. Pura); Coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (C. Courtney, A. Trinidad; M. Guidote)</p> <p>3rd Quarter 2001: Coordinated participation in the subsequent meetings on the 2nd Coastal Municipalities Conference (A. Trinidad; M. Guidote)</p> <p>4th Quarter 2001: Provided documents on DAO 17 (A. Trinidad, L. Pura); Coordinated participation in the subsequent meetings on the 2nd Coastal Municipalities Conference (A. Trinidad, M. Guidote); Coordinated participation in the Executive Briefing on the DAO for Delineating/Delimiting Municipal Waters (A. Trinidad, M. Guidote, L. Pura); Coordinated participation in the preliminary meeting on the 2nd Coastal Municipalities Conference (A. Trinidad, M. Guidote)</p> |
| Others | |
| Local Government Academy | 4 th Quarter 2001: Coordinated CRMP participation as part of DENR Booth during the Project 10-10-10 ULAP Convention (A. Trinidad, L. Pura) |
| United States Embassy-Office of Public Affairs | <p>1st Quarter 2001: Served as resource person for a 1-day CRM and workshop for college students in Palawan (A. White, M. Flores)</p> <p>4th Quarter 2001: Coordinated participation of US Charge de Affaires in DENR Night during the 11th LMP National Convention (A. Trinidad, L. Pura)</p> |

LIST OF AVAILABLE IEC MATERIALS PRODUCED BY CRMP

POSTERS:

1. A Call for Leadership (English and Cebuano)
2. Coastal Alert! (English and Cebuano)
3. For Future's Sake (English and Cebuano)
4. Imagine the Future without Mangroves (bilingual – English/Cebuano)
5. Human Impacts on the Environment (English)
6. Month of the Ocean posters: *"It's their Ocean too, and their future"; "Ang Dagat ay buhay, ating kinabukasa'y dito nakasalalay"*
7. Philippine Fisheries in Decline, No Time to Lose (English)
8. *Nagkagamay na ang atong kuha gikan sa panagat* (Cebuano variation of the Philippine Fisheries in Decline poster).

TECHNICAL / REFERENCE PUBLICATIONS

1. Tambuli Newsletter: (Issues no. 1-7)
2. Legal and Jurisdictional Guidebook on Coastal Resource Management in the Philippines
3. The Values of Philippine Coastal Resources: Why Protection and Management are Critical
4. Participatory Coastal Resource Assessment (PCRA) Manual
5. CRM Primer
6. Food Security and Coastal Resource Management
7. Rhythm of the Sea: Coastal Environmental Profile of San Vicente, Palawan
8. Coastal Environment Profile of Malalag Bay
9. Coastal Environment Profile of Bohol
10. Coastal Environment Profile of Olango Island
11. Coastal Environment Profile of Sarangani Bay
12. Coastal Environment Profile of Negros Oriental
13. Coral Reef Monitoring for Management
14. Mangrove Management Handbook
15. CRMP Mid-Term Report: CRMP in Midstream- On Course to a Threshold of Sustained Coastal Management in the Philippines
16. Philippine Coastal Management Guidebook Series

POPULARIZED PUBLICATIONS

1. The Coastal Resource Management Project (CRMP) brochure/leaflet (English and Cebuano)
2. Coastal Alert! pamphlet
3. Coastal Alert! Magazine
4. Coastal Alert! Magazine special edition on the Ocean Ambassadors homepage
5. Coastal Alert! Magazine special edition on the Conference of Coastal Municipalities of the Philippines
6. Saving the Philippine Seas, speech by His Excellence President Joseph E. Estrada

7. Guide to the Video Course on the Establishment of Community-based Marine Sanctuaries (English and Pilipino)
8. "Save our Seas" Kapitan Barungoy Coloring Book
9. Call to Action flyer
10. Lost Reefs leaflet
11. Mangroves Brochure.
12. Mangroves FAQ pamphlet
13. Mangroves in Trouble leaflet
14. Philippine Fisheries in Decline leaflet
15. "Our Seas, Our Lie" Exhibit Guide
16. Hop on the Olango Tour
17. Paddling up the Cambuhat River
18. "I Love the Ocean" Movement leaflet
19. The Blue Tapestry: A Community Arts Project Celebrating the Philippine Centennial and the International Year of the Ocean
20. Search for Best CRM Program Awards

EXHIBIT PANELS

1. Our Seas, Our Life Info Panels and Walls*
2. Coastal Resource Management Bamboo Panel Exhibit
3. Protected Seascapes*
4. Ocean Depths Map
5. Exhibit panels for Bohol
6. Exhibit panels for Sarangani
7. Blue Backdrops: (1) "Bring Back our Future, Manage our Coastal Resources", 2) "Coastal Resource Management for Food Security;; 3) Have a Heart, Stop illegal fishing; Reduce Fishing Effort to Sustainable Levels; Protect and Manage Coastal Habitats; Municipal Waters for Municipal Fishers; 4) "Manage our Coastal Resources, Your leadership can Make the Difference; and 5) Restore our Mangroves

WEB SITE

1. <http://www.oneocean.org>. – CRMP's website serves as the official source of information on coastal resource management in the Philippines and around the world. The site makes available online and for downloading, CRMP technical / reference documents. The site incorporates among other features, pages for CRMP, 36 issues of its electronic magazine, *Over Seas*, the *CRM Tools Page*, *DENR Region 11 web page*, and the *Ocean ambassadors' homepage*.

VIDEO / AUDIO MATERIALS

1. Ang Dagat ay Buhay (Our Seas, Our Life) song.
2. Sigaw ng Karagatan documentary
3. Karaniwang Tao MTV
4. Tungo sa Bagong Umaga video documentary on the 6 winning Search for Best CRM Program Awards

5. TV/Radio Plugs for Ocean Month
6. TV/Radio Plugs on Illegal fishing
7. Radio plug on the cutting of mangroves
8. TV/ Radio plug on the intrusion of commercial fishing in municipal waters
9. Video course on Coastal Resource Management (10 – part series on CRM in Pilipino)
10. Video course on the Establishment of Marine Sanctuaries (7 – part series on marine sanctuaries in Pilipino)
11. “Colors of the Sea” Children’s video (6 part – series for children on the interconnectedness of land and marine ecosystems in Pilipino)

* these exhibit panels are now housed with the Protected Areas and Wildlife Bureau, DENR

OTHER PROMOTIONAL MATERIALS

1. “I Love the Ocean” labels/ sticker
2. “I Love the Ocean” membership card, Blue Heart Pin and Creed
3. oneocean.org postcard

BRIEFING MATERIALS (Transparencies)

1. Participatory Coastal Resource Assessment (PCRA) and CRMP Briefing Kit (in English and Cebuano)
2. Briefing Package on CRMP
3. Introduction to Coastal Resource Management
4. Introduction to Integrated Coastal Management
5. Economic Valuation of Coastal Resources
6. Food Security and Coastal Resource Management
7. Into the Mainstream: Promoting Coastal Resource Management in the Philippine National Agenda
8. Mangrove Management
9. Earthwatch Research Results
10. Revised Results Framework
11. A Framework for Enterprise Development in Coastal Areas
12. Sustainable Coastal Tourism Framework
13. Philippine situational analysis of coastal resources
14. Information, education, communication (IEC) Framework

APPENDIX D

**SUMMARY OF EXPENDITURES THROUGH DECEMBER 31, 2001
(USAID ONLY)**